

YORK CORRUGATING COMPANY



YORK · PENNSYLVANIA



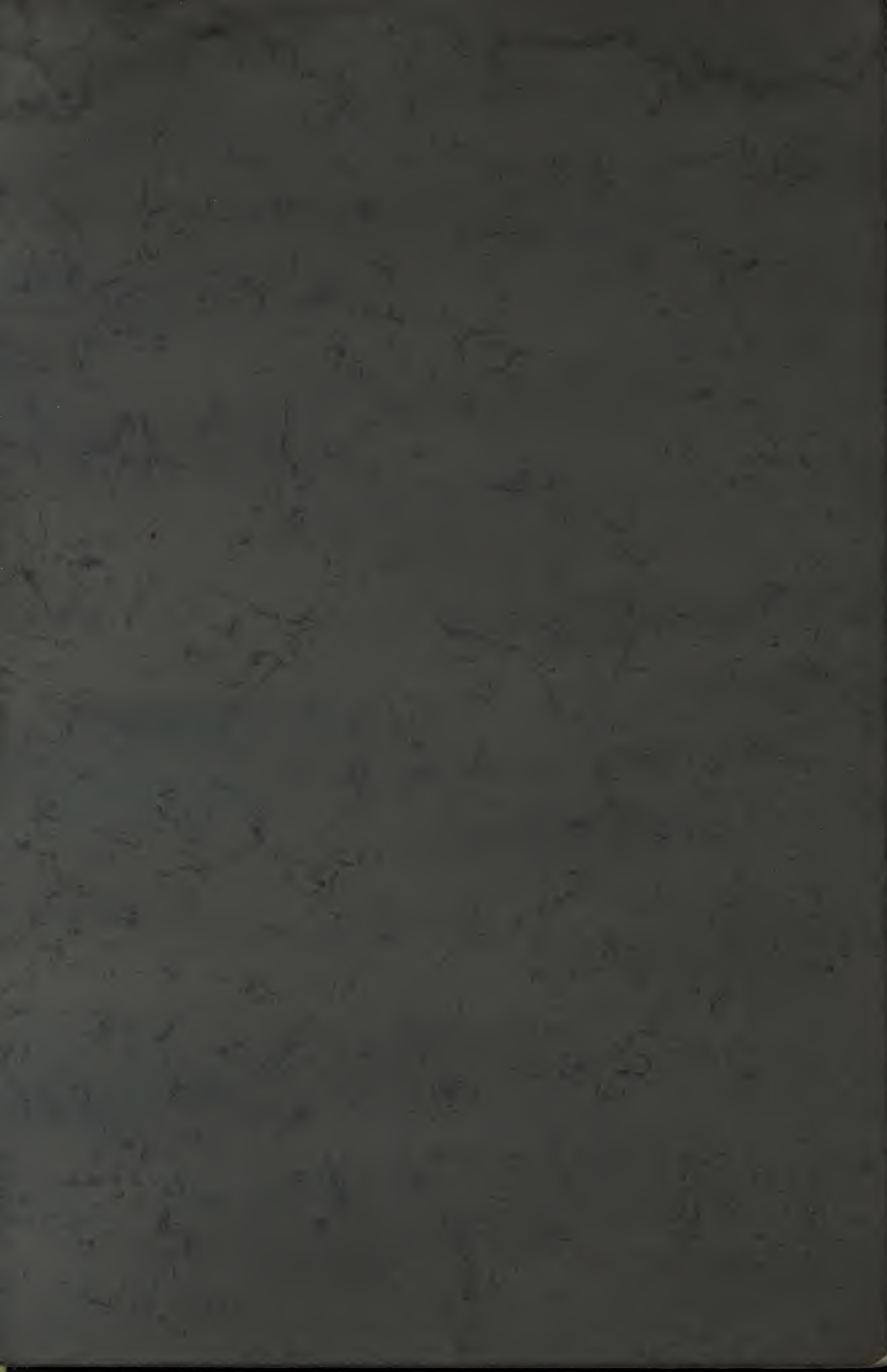
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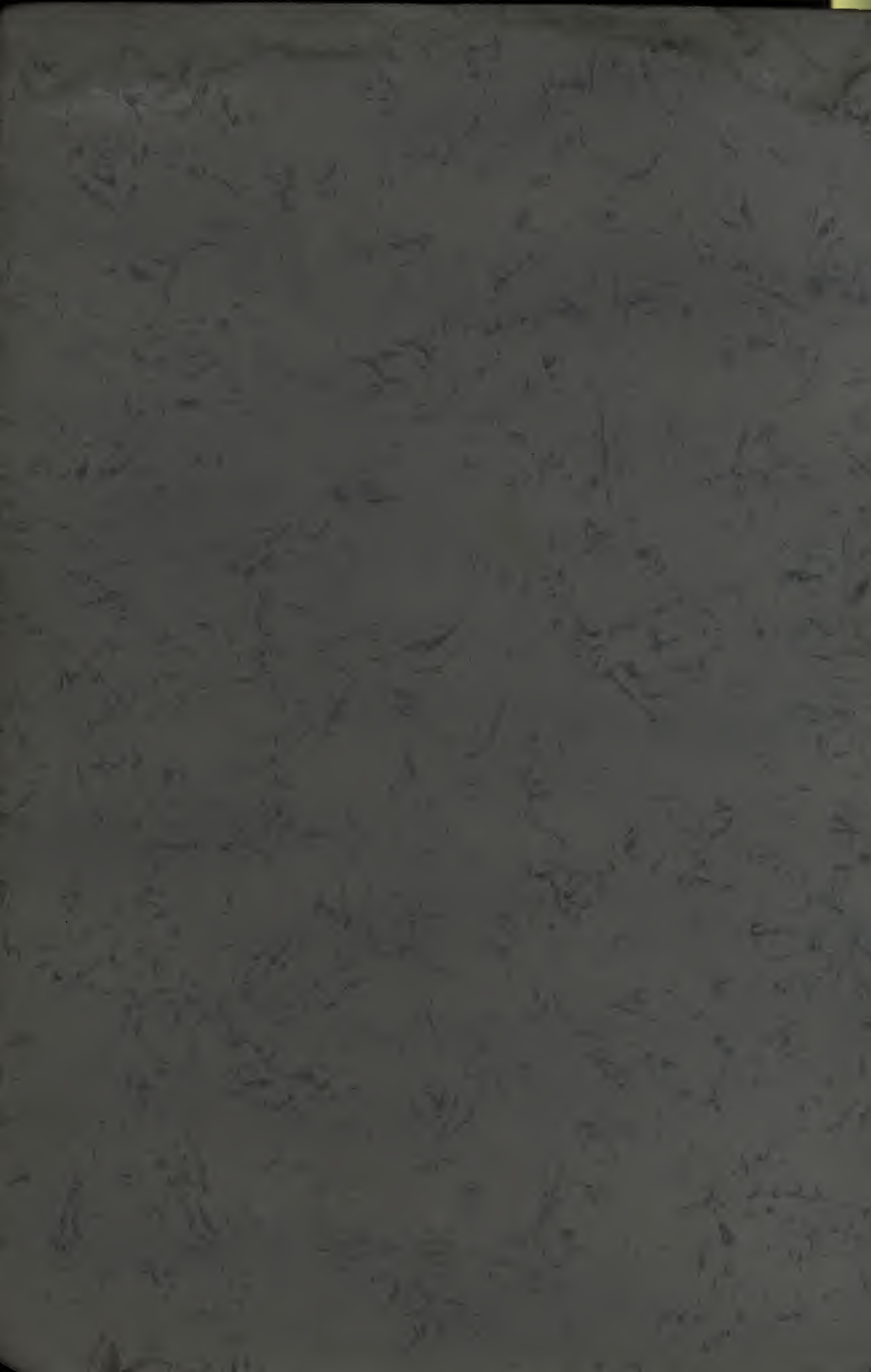
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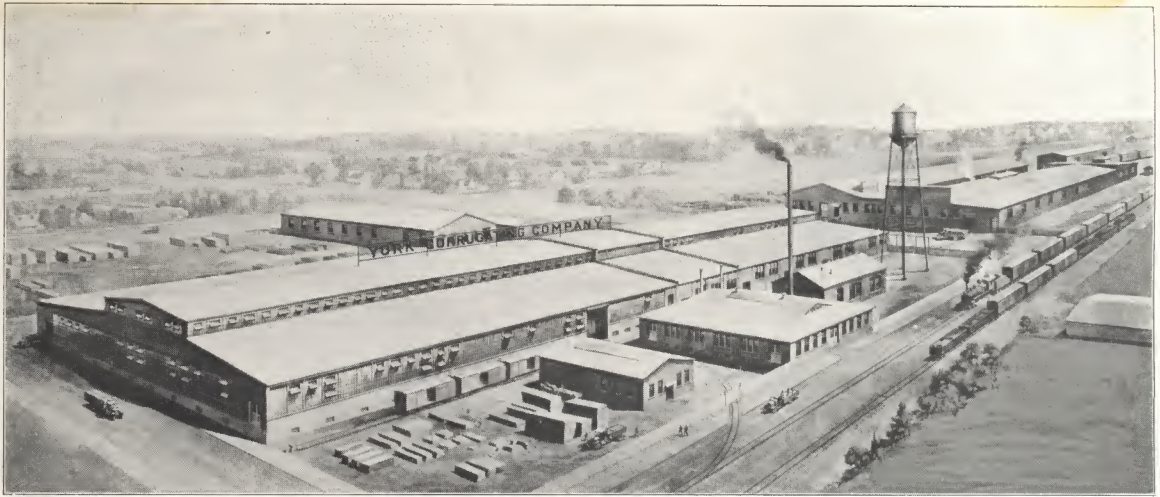
YORK CORRUGATING COMPANY

Manufacturers of
Sheet Metal Products

Jobbers of
Tin Plate, Metals
and Tinnners' Supplies



YORK · HARRISBURG
PENNSYLVANIA



PLANT OF YORK CORRUGATING COMPANY, YORK, PA.

YORK CORRUGATING COMPANY

MANUFACTURERS AND JOBBERS OF

Tinners' and Roofers' Supplies

Tin Plate in Boxes
Tin Plate in Rolls
Black Sheets
Galvanized Sheets
Toncan Sheets
Armco Sheets
Keystone Sheets
Galvanized Roofing
Galvanized Siding
Painted Roofing
Painted Siding
Sheet Zinc
Sheet Copper
Auto Sheets
Corrugated Sheets
Elbows and Shoes
Roof Cement

Ovens
Metal Shingles
Galvanized Cornices
Copper Cornices
Skylights
Ventilators
Conductor and Gutter
Mitres and End Pieces
Gutter Hangers
Pipe Hooks and Fasteners
Tinners' Tools
Hot Air Pipe
Stove Pipe
Stove Pipe Elbows
Registers and Borders
Bolts and Rivets
Solder and Paint

Foreword

IN presenting this catalogue to you, it has been our aim to give you all the information necessary to form an intelligent idea of one line of sheet metal products manufactured by us; also to present, for your approval, a great variety of tinnerns' tools and supplies which we carry in stock.

Your attention is especially directed to our Conductor Pipe and Eaves Trough, manufactured from Galvanized Steel, Armco Ingot Iron, Toncan Metal, Keystone and Copper. These goods are acknowledged by the Trade to embody the highest quality workmanship and materials.

The geographical location of the YORK CORRUGATING COMPANY is particularly favorable, and purchasers of our products are assured prompt and economical deliveries.

The information contained in this catalogue will be of value to you, and we respectfully solicit your business.

Terms

1. All prices subject to change without notice.
2. Net cash, sixty days after date of invoice—or cash discount allowed if paid within ten days as per stamp on bill.
3. Parties desiring credit must have satisfactory rating or reference.
4. No goods will be shipped C. O. D. with draft and bill of lading attached unless part payment is made in advance, to insure acceptance.
5. All claims for errors must be made immediately upon receipt of goods.
6. To avoid unnecessary delays and mistakes, customers will please send their orders, inquiries and remittances upon separate sheets.
7. All quotations and orders subject to strikes, accidents and other causes beyond our control.
8. No goods to be returned without our written consent.
9. Specially made goods are not returnable under any condition.
10. A handling charge of 10% of the purchase price, in addition to freight and drayage is made on all goods returned.
11. Interest at the rate of 6% per annum will be charged on all overdue accounts.
12. Loss and damage to goods: Our responsibility ceases upon delivery of goods in good order and condition to transportation company. We, as senders, have no legal claim upon the goods after they are delivered to the carriers, properly consigned; the ownership has then passed from us to the consignee.

Standard List Prices—Per Foot

Galvanized Eaves Trough

Made in 10-foot lengths from Copper, Galvanized Steel, Toncan Metal, Ingot Iron and Keystone Open Hearth Copper Bearing Material.

Toncan Ingot and Keystone are not made lighter than 28 gauge. Nos. 30 and 27 gauge not carried in stock and we recommend the use of the next heavier gauge.



Single Bead Lap Joint Eaves Trough

Size, Inches	3½	4	5	6	7	8
No. 29 Gauge.....	\$0.15	\$0.17	\$0.19	\$0.24	\$0.30	\$0.40
No. 28 Gauge.....	.17	.19	.20	.25	.32	.42
No. 26 Gauge.....	.21	.23	.24	.31	.40	.50
No. 24 Gauge.....	...	.33	.34	.40	.50	.60



Single Bead Slip Joint Eaves Trough

Size, Inches	3½	4	5	6	7	8
No. 29 Gauge.....	\$0.17	\$0.19	\$0.21	\$0.26	\$0.32	\$0.42
No. 28 Gauge.....	.19	.21	.22	.27	.34	.44
No. 26 Gauge.....	.23	.25	.26	.33	.42	.52
No. 24 Gauge.....	...	.35	.36	.42	.52	.62

Standard List Prices—Per Foot

Galvanized Eaves Trough (Continued)



Double Bead Lap Joint Eaves Trough

Size, Inches	3½	4	5	6	7	8
No. 29 Gauge.....	\$0.22	\$0.24	\$0.26	\$0.31	\$0.37	\$0.47
No. 28 Gauge.....	.23	.25	.27	.33	.39	.50
No. 26 Gauge.....	.28	.30	.32	.40	.50	.60
No. 24 Gauge.....	...	.44	.45	.55	.60	.70



Double Bead Slip Joint Eaves Trough

Size, Inches	3½	4	5	6	7	8
No. 29 Gauge.....	\$0.24	\$0.26	\$0.28	\$0.33	\$0.39	\$0.49
No. 28 Gauge.....	.25	.27	.29	.35	.41	.52
No. 26 Gauge.....	.30	.32	.34	.42	.52	.62
No. 24 Gauge.....	...	.46	.47	.57	.62	.72

Heavy Gauges Galvanized Eaves Trough

Sizes Inches	Single Bead Lap Joint			Single Bead Slip Joint			Double Bead Lap Joint			Double Bead Slip Joint			Sizes Inches
	No. 22	No. 20	No. 18	No. 22	No. 20	No. 18	No. 22	No. 20	No. 18	No. 22	No. 20	No. 18	
3½	\$.44	\$.54	\$.64	\$.46	\$.56	\$.66	\$.54	\$.64	\$.74	\$.56	\$.66	\$.76	3½
4	.46	.56	.66	.48	.58	.68	.56	.66	.76	.58	.68	.78	4
5	.49	.59	.69	.51	.61	.71	.59	.69	.79	.61	.71	.81	5
6	.53	.63	.73	.55	.65	.75	.63	.73	.83	.65	.75	.85	6
7	.57	.67	.77	.59	.69	.79	.67	.77	.87	.69	.79	.89	7
8	.60	.70	.80	.62	.72	.82	.70	.80	.90	.72	.82	.92	8
9	.65	.75	.85	.67	.77	.87	.75	.85	.95	.77	.87	.97	9
10	.69	.79	.89	.71	.81	.91	.79	.89	.99	.81	.91	1.01	10

COLD ROLLED COPPER

Sizes Inches	Single Bead Lap Joint		Single Bead Slip Joint		Double Bead Lap Joint		Double Bead Slip Joint		Sizes Inches
	14 oz.	16 oz.	14 oz.	16 oz.	14 oz.	16 oz.	14 oz.	16 oz.	
4	28	32	31	35	37	40	40	43	4
5	33	36	36	39	40	45	43	48	5
6	39	44	42	47	50	55	53	58	6
7	49	54	52	57	57	64	60	67	7
8	56	63	59	66	67	75	70	78	8
9	72	80	75	83	84	92	87	95	9
10	85	95	88	98	97	1.07	1.00	1.10	10

Always state whether you want Single or Double Bead, Slip or Lap Joint.

Single Bead, Slip Joint will be shipped unless otherwise ordered.

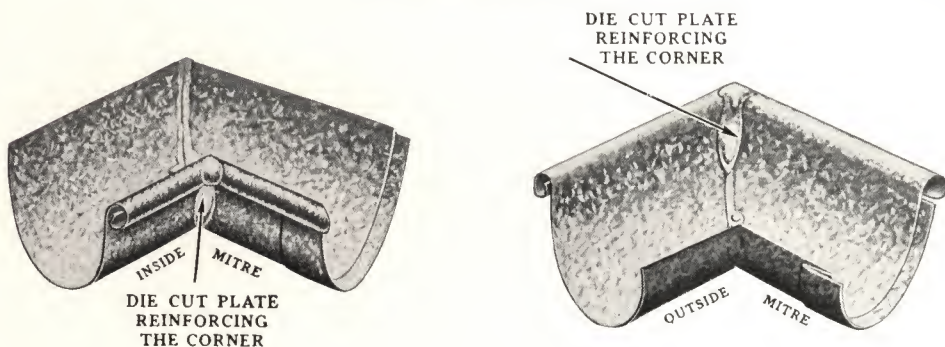
Eaves Trough packed in Crates containing 250 feet each.

Improved Mitres

In producing this Mitre we do not hesitate to recommend it to be one of the best Mitres on the market today and you will agree with us when you see it.

This Mitre is made in two pieces, the one has a small lip to extend over the other on the bottom through which it is riveted and then soldered. You will note the joint at the bead, "the weak place in all mitres" is re-inforced with a special Die Cut Plate.

The Strongest Mitre Made



GALVANIZED STEEL LIST PRICES PER DOZEN

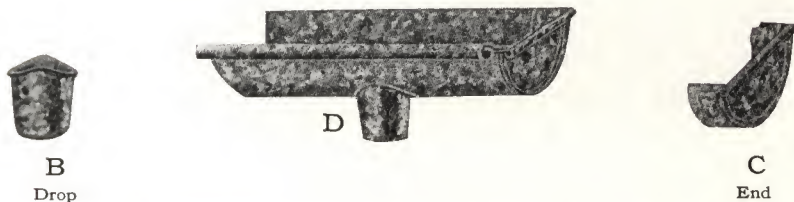
Size, Inches	3½	4	5	6	7
Lap Joint, Single Bead	\$7.50	\$8.00	\$9.25	\$11.75	\$15.75
Lap Joint, Double Bead	10.50	11.00	12.25	14.75	18.75
Slip Joint, Single Bead	10.50	11.00	12.25	14.75	18.75
Slip Joint, Double Bead	13.50	14.00	15.25	17.75	21.75

COPPER LIST PRICES PER DOZEN

Size, Inches	3½	4	5	6	7
Lap Joint, Single Bead	\$10.80	\$11.40	\$13.20	\$20.04	\$25.80
Lap Joint, Double Bead	13.80	14.40	16.20	23.04	28.80
Slip Joint, Single Bead	13.80	14.40	16.20	23.04	28.80
Slip Joint, Double Bead	16.80	17.40	19.20	26.04	31.80

End-Pieces

Both Ends and Outlets are Double Seamed—Not Soldered
Cannot Leak or Come Apart



Are perfectly and smoothly formed, very durable, neat in appearance and unequalled for strength.

Packed as Follows: { D Ends—3 and 4 inch, with 2 inch drop, 10 doz. per crate.
4 inch with 3 inch drop and larger sizes, 5 doz. per crate.
C Ends—3 to 5 inch, 20 doz. per box. Larger sizes, 10 doz. per box.

GALVANIZED STEEL—List Prices per Dozen

	2"	2½"	3"	3½"	4"	4½"	5"	6"	7"	8"
No. 29 Gauge										
"D" Ends, Single Bead			\$2.50	\$2.50	\$2.70	\$3.00	\$3.00	\$3.60	\$4.00	\$4.20
"D" Ends, Double Bead			3.10	3.10	3.30	3.60	3.60	4.30	4.75	5.00
"B" Drops only	\$0.80	\$0.90	1.00	1.10	1.20	1.30	1.30	1.60		
"C" Ends only			1.30	1.30	1.50	1.60	1.60	1.90	2.30	2.80
No. 28 Gauge										
"D" Ends, Single Bead			2.75	2.75	3.00	3.30	3.30	3.95	4.40	4.65
"D" Ends, Double Bead			3.40	3.40	3.65	3.95	3.95	4.75	5.25	5.50
"B" Drops only	.90	1.00	1.10	1.20	1.35	1.45	1.45	1.75		
"C" Ends only			1.45	1.45	1.65	1.75	1.75	2.10	2.55	3.10
No. 27 Gauge										
"D" Ends, Single Bead			2.90	2.90	3.10	3.45	3.45	4.15	4.60	4.85
"D" Ends, Double Bead			3.55	3.55	3.80	4.15	4.15	4.95	5.45	5.75
"B" Drops only	.95	1.05	1.15	1.25	1.40	1.50	1.50	1.85		
"C" Ends only			1.50	1.50	1.75	1.85	1.85	2.20	2.65	3.20
No. 26 Gauge										
"D" Ends, Single Bead			3.10	3.10	3.40	3.75	3.75	4.50	5.00	5.25
"D" Ends, Double Bead			3.90	3.90	4.15	4.50	4.50	5.40	5.95	6.25
"B" Drops only	1.00	1.10	1.25	1.40	1.50	1.65	1.65	2.00		
"C" Ends only			1.65	1.65	1.90	2.00	2.00	2.40	2.90	3.50
No. 24 Gauge										
"D" Ends, Single Bead			3.75	3.75	4.05	4.50	4.50	5.40	6.00	6.30
"D" Ends, Double Bead			4.65	4.65	4.95	5.40	5.40	6.45	7.15	7.50
"B" Drops only	1.20	1.35	1.50	1.65	1.80	1.95	1.95	2.40		
"C" Ends only			1.95	1.95	2.25	2.40	2.40	2.85	3.45	4.20

Made in Nos. 28 and 26 Gauges only.

List Prices the same as corresponding Gauges above.

Made from Cold Rolled Copper

COPPER END PIECES—List Prices Each

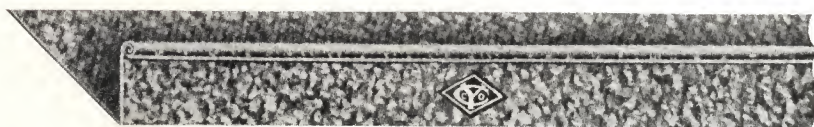
	2"	2½"	3"	3½"	4"	4½"	5"	6"	7"	8"
"D" Ends, Single Bead			\$0.95	\$1.00	\$1.05	\$1.10	\$1.10	\$1.15	\$1.30	\$1.50
"D" Ends, Double Bead			1.20	1.25	1.30	1.35	1.35	1.40	1.55	1.75
"B" Drops only	\$0.35	\$0.40	.40	.45	.45	.48	.48	.50	.60	.70
"C" Ends only			.40	.45	.45	.48	.48	.50	.60	.70

O. G. Box and Roof Gutters

PLAIN ROOF GUTTERS



Size	Style A	
	Depth	Girth
	3 $\frac{1}{4}$ inches	12 inches
	4 $\frac{5}{8}$ inches	14 inches
	5 $\frac{1}{2}$ inches	20 inches
	6 $\frac{5}{8}$ inches	24 inches



Size	Style B	
	Depth	Girth
	3 $\frac{1}{4}$ inches	15 inches
	4 $\frac{3}{4}$ inches	20 inches
	6 inches	24 inches

BOX GUTTERS



Size	Style C	
	Depth	Girth
3 $\frac{1}{2}$ inches	3 inches	10 inches
4 inches	2 $\frac{1}{2}$ inches	10 inches
5 inches	3 $\frac{1}{4}$ inches	12 inches
6 inches	3 $\frac{3}{4}$ inches	14 inches
7 inches	4 $\frac{1}{2}$ inches	16 inches



Size	Style D	
	Depth	Girth
4 inches	2 $\frac{1}{2}$ inches	10 inches
5 inches	3 inches	12 inches
6 inches	3 $\frac{7}{8}$ inches	15 inches
7 inches	5 inches	18 inches
8 inches	5 $\frac{3}{4}$ inches	20 inches

Box Gutters (Continued)



Style E

Size	Depth	Girth
3½ inches	3 inches	10 inches
4 inches	3½ inches	12½ inches
5 inches	3½ inches	13 inches
6 inches	4½ inches	15 inches
7 inches	5 inches	18 inches
8 inches	6¾ inches	22 inches



Style F

Size	Depth	Girth
3 inches	2½ inches	10 inches
4 inches	3½ inches	13 inches
5 inches	4½ inches	16 inches
6 inches	5½ inches	18 inches
7 inches	5½ inches	20 inches
8 inches	5¾ inches	22 inches



Style G

Size	Depth	Girth
3 inches	2¾ inches	9⅝ inches
3½ inches	3⅛ inches	10 inches
4 inches	4 inches	13 inches
5 inches	4¾ inches	15 inches
6 inches	6 inches	18 inches
8 inches	7⅛ inches	22 inches

Box Gutters (Continued)



Style J		
Size	Depth	Girth
3½ inches	3¼ inches	10 inches
4 inches	3⅞ inches	13 inches
5 inches	4¾ inches	16 inches
6 inches	5⅝ inches	18 inches
7 inches	6⅜ inches	20 inches



Style K		
Size	Depth	Girth
3¼ inches	2¾ inches	10 inches
4 inches	4 inches	12 inches
5 inches	4½ inches	15 inches
6 inches	5½ inches	18 inches
7 inches	5¾ inches	20 inches
8 inches	7¼ inches	24 inches

LIST PRICES—O. G. BOX AND ROOF GUTTERS

Styles A, B, C, D, E, F, G, J, K—Per Foot

Girth	No. 29	No. 28	No. 26	No. 24
8	\$.17	\$.18	\$.23	\$.32
10	.19	.20	.24	.34
12	.24	.25	.31	.40
14	.30	.32	.40	.50
15	.33	.35	.43	.53
18	.40	.42	.50	.60
20	.46	.48	.58	.68

Intermediate Girths take list as next higher Girth. Wider than 30 inches, add proportionately.

The above products furnished in Open Hearth Iron, Toncan Metal, Ingot and Copper.

Mitres can be furnished for all Box Gutters. The net price each of mitres is the same as the list price of gutters per foot.

Conductor Pipe

Made in 10-foot lengths from Copper, Galvanized Steel, Toncan Metal, Ingot Iron, and Keystone Open Hearth Copper Bearing material.

We do not hesitate to recommend our Conductor Pipe to be perfectly first class, both as to material and workmanship. Toncan Ingot and Keystone Material are not furnished lighter than 28 gauge.

Always state whether Round Corrugated, Square Corrugated, Plain Round or Plain Square is wanted. Round Corrugated will be shipped unless otherwise ordered.



Round Corrugated Conductor Pipe

ROUND CORRUGATED CONDUCTOR PIPE

Galvanized Steel, "Armco" Ingot Iron and "Toncan" Metal
Standard Sizes and Gauges

List Prices per Lineal Foot—Minimum Weight per 100 Lineal Feet

Sizes Inches	No. 29 Gauge		No. 28 Gauge		No. 26 Gauge		No. 24 Gauge		Sizes Inches
	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	
2	\$.17	47	\$.18	51	\$.23	59	\$ . . .	..	2
3	.19	58	.20	63	.24	74	.34	95	3
4	.26	76	.28	82	.34	96	.46	123	4
5	.37	94	.39	102	.46	119	.60	152	5
6	.46	111	.50	121	.58	141	.72	180	6



Square Corrugated Conductor Pipe

SQUARE CORRUGATED PIPE—Per Foot

Correct Sizes Inches	No. 29 Gauge		No. 28 Gauge		No. 26 Gauge		No. 24 Gauge		Com- monly T'rm'd Inches
	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	
1¾x2¼	\$.22	46	\$.23	50	\$.29	59	\$ . . .	..	2
2¼x3¼	.23	60	.24	65	.30	76	.40	98	3
2¾x4¼	.30	80	.31	87	.38	101	.50	130	4
3½x5	.40	99	.42	107	.50	125	.65	160	5

Conductor Pipe (Continued)



Plain Round Conductor Pipe

PLAIN ROUND PIPE—Per Foot
2½ in. and 3½ in. Plain Pipe Discontinued

Sizes Inches	No. 29 Gauge		No. 28 Gauge		No. 26 Gauge		No. 24 Gauge		Sizes Inches
	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	Per foot	Pounds per 100 ft.	
1½	\$.17	32	\$.18	35	\$.23	..	\$ ...	..	1½
2	.17	40	.18	44	.23	51	...	...	2
3	.19	58	.20	63	.24	74	.34	95	3
4	.26	76	.28	82	.34	96	.46	123	4
5	.37	94	.39	102	.46	119	.60	152	5
6	.46	111	.50	121	.58	141	.72	180	6



Plain Square Conductor Pipe

PLAIN SQUARE PIPE—Irregular—Per Foot

Size in Inches	2x3	2x4	2½x4	3x4	3½x5	4x5	4x6
28 Gauge.....	\$.25	\$.30	\$.32	\$.35	\$.42	\$.45	\$.50
26 Gauge.....	.31	.36	.38	.41	.48	.51	.56
24 Gauge.....	.49	.54	.56	.59	.66	.69	.74
22 Gauge.....	.55	.60	.62	.65	.72	.75	.80
20 Gauge.....	.65	.70	.72	.75	.82	.85	.90

PLAIN ROUND AND ROUND CORRUGATED PIPE

All Galvanized Pipe per Lineal Foot
Irregular Sizes and Gauges

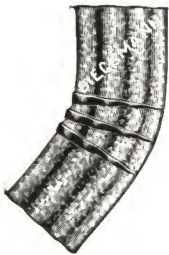
Sizes in Inches	3	4	5	6	7	8	9	10
28 Gauge.....	\$...	\$...	\$...	\$...	\$.70	\$.80	\$.90	\$ 1.00
26 Gauge.....	...	...	...	...	.76	.86	.96	1.06
24 Gauge.....	...	...	...	...	.94	1.04	1.14	1.24
22 Gauge.....	.60	.70	.80	.90	1.00	1.10	1.20	1.30
20 Gauge.....	.70	.80	.90	1.00	1.10	1.20	1.30	1.40

COLD ROLLED COPPER PIPE

Plain Round and Round Corrugated						Square Corrugated				
Size in Inches	1½ & 2	3	4	5	6	Size in Inches	2	3	4	5
14 Oz.....	.27	.33	.47	.63	.80	14 Oz.....	.28	.37	.49	.65
16 Oz.....	.30	.36	.51	.69	.90	16 Oz.....	.31	.40	.53	.75

Galvanized Elbows and Shoes

Round Corrugated



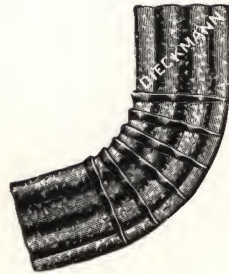
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30 degrees



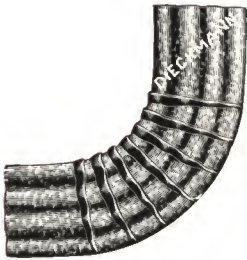
No. 1
45 degrees



No. 2
60 degrees



No. 3
75 degrees



No. 4
90 degrees

Heaviest Gauge Elbows and Shoes on the Market



No. 3 Shoe
75 degrees

LIST PRICE—Per Piece

Inches	Galvanized Steel		Toncan, Ingot and Keystone		14 oz. Copper		16 oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes
2	\$.30	\$.40	\$.40	\$.50	\$.70	\$.75	\$.75	\$.85
3	.36	.48	.48	.60	.90	1.00	1.00	1.10
4	.60	.75	.75	.90	1.35	1.50	1.50	1.65
5	1.25	1.50	1.45	1.65	2.00	2.25	2.25	2.50
6	1.50	1.80	1.75	2.00	2.85	3.15	3.15	3.50

When ordering state both number and size. No. 3 will be furnished unless otherwise specified.

Galvanized Elbows and Shoes (Continued)

Plain Round



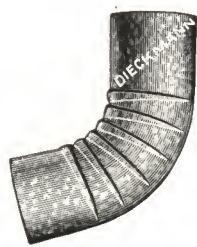
No. 0
30 degrees



No. 1
45 degrees



No. 2
60 degrees



No. 3
75 degrees



No. 4
90 degrees

Heaviest Gauge
Elbows and Shoes
on the Market



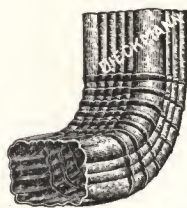
No. 3 Shoe
75 degrees

LIST PRICE—Per Piece

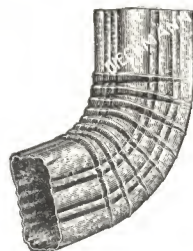
Size Inches	Galvanized Steel		Toncan, Ingot and Keystone		14 oz. Copper		16 oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes
2	\$.30	\$.40	\$.40	\$.50	\$.70	\$.75	\$.75	\$.85
3	.36	.48	.48	.60	.90	1.00	1.00	1.10
4	.60	.75	.75	.90	1.35	1.50	1.50	1.65
5	1.25	1.50	1.45	1.65	2.00	2.25	2.25	2.50
6	1.50	1.80	1.75	2.00	2.85	3.15	3.15	3.50

Square Corrugated

In ordering state Number of Elbow
or No. 3 Angle will be sent.



Square Elbow "A"
No. 3.



Square Elbow "B"
No. 3.

LIST PRICE—Per Piece

Size Inches	Galvanized Steel		Toncan, Ingot and Keystone		14 oz. Copper		16 oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes	Elbows	Shoes
2	\$.40	\$.50	\$.60	\$.75	\$.85	\$.90	\$.90	\$1.05
3	.50	.60	.70	.85	1.10	1.20	1.20	1.35
4	.65	.80	.90	1.10	1.60	1.80	1.80	2.00
5	1.00	1.25	1.35	1.60	2.40	2.75	2.75	3.00
6	1.20	1.40	1.70	2.00	3.40	3.75	3.75	4.20

Style B Same List as Style A.

Discount per cent.

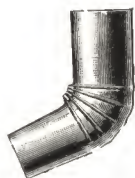
Portico Elbows

Patented

For Speaking Tubes, Refrigerators, Gasoline Lighting Plants, Incubators, Etc.
One Piece, Smooth Back, Galvanized after Formation



45° —No. 1



60° —No. 2



75° —No. 3



90° —No. 4

Galvanized Steel and Terne

Inches	Elbows		Shoes	
	Piece	Dozen	Piece	Dozen
1	\$.15	\$1.80	\$.18	\$2.16
1 1/4	.18	2.16	.22	2.64
1 1/2	.20	2.40	.25	3.00
2	.30	3.60	.40	4.80

The Best Ever Made



Corrugated

No Solder used in
putting them together



Plain

Galvanized after formation. No Stronger Cut off made.

PRICE LIST—Both Styles

		Plain Round	Round Cor'gated
2	inch.....per dozen,	\$ 7.00	\$ 7.50
3	inch.....per dozen,	8.00	8.00
4	inch.....per dozen,	11.00	11.00
5	inch.....per dozen,	20.00	20.00
6	inch.....per dozen,	24.00	24.00

Discount.....per cent.

Table Showing Contents in Dozens of Standard Elbow Cartons 20x20x24 O. D.

PLAIN ROUND

Inches	No. 1	No. 2	No. 3	No. 4	Shoes
2	20	20	18	15	15
3	8	8	7	6	6
4	4	3½	3	3	3
5	2	2	1⅔	1⅔	1⅔
6	1	1	1	1	1

ROUND CORRUGATED

Inches	No. 1	No. 2	No. 3	No. 4	Shoes
2	15	13	12½	10	10
3	9	9	7½	7	7
4	4½	4	3½	3	3
5	2	2	1⅔	1⅔	1⅔
6	1	1	1	1	1

SQUARE "A"

Inches	No. 1	No. 2	No. 3	No. 4	Shoes
2	15	13	12½	10	10
3	10	10	9	8	8
4	5	4	4	3	3
5	2	2	2	1⅔	1⅔

SQUARE "B"

Inches	No. 1	No. 2	No. 3	No. 4	Shoes
2	13	12	19	..	10
3	9	8	7	..	6
4	4	3½	3	..	3
5	2	2	1⅔	..	1⅔

Use Plain Round table for Octagon and Polygon

For 2 and 3 inch in 26 gauge Toncan or Ingot use following:

PLAIN ROUND

Inches	No. 1	No. 2	No. 3	No. 4	Shoes
2	15	15	15	15	15
3	8	8	6	6	6

ROUND CORRUGATED

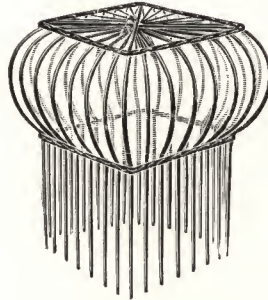
Inches	No. 1	No. 2	No. 3	No. 4	Shoes
2	10	10	10	10	10
3	8	7½	6¼	6	6

Wire Conductor Strainers

Galvanized and Copper

Round and Square

All Sizes in Stock



Galvanized

ROUND

2 inch.....	per dozen, \$0.75
2½ inch.....	per dozen, 1.05
3 inch.....	per dozen, 1.05
3½ inch.....	per dozen, 1.50
4 inch.....	per dozen, 1.50
5 inch.....	per dozen, 2.55
6 inch.....	per dozen, 3.00

SQUARE

2 x 3 inch.....	per dozen, \$3.20
2 x 4 inch.....	per dozen, 3.40
3 x 4 inch.....	per dozen, 4.80
4 x 5 inch.....	per dozen, 5.40

Other sizes to order.

Discount.....per cent.

Copper

ROUND

2 inch.....	per dozen, \$1.80
2½ inch.....	per dozen, 2.90
3 inch.....	per dozen, 2.90
3½ inch.....	per dozen, 4.20
4 inch.....	per dozen, 4.20
5 inch.....	per dozen, 7.20
6 inch.....	per dozen, 8.25

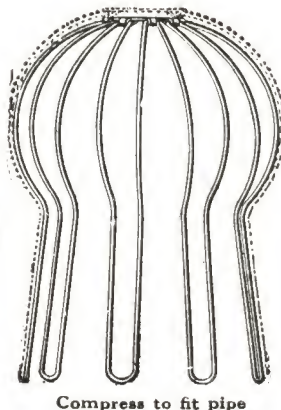
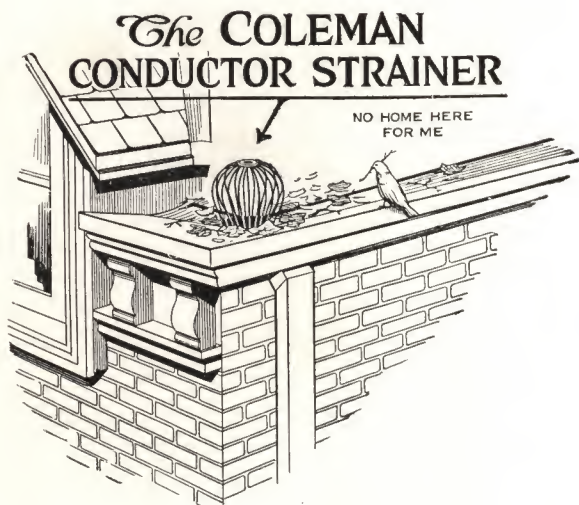
SQUARE

2 x 3 inch.....	per dozen, \$4.00
3 x 4 inch.....	per dozen, 8.00
4 x 5 inch.....	per dozen, 10.00

Discount.....per cent.

Coleman's Patent Adjustable Conductor Strainer or Spout Guard

Cost 50% less than old style Spout Guards



A superior article to the old spout guard. Saves labor and consumption of your stock space, for it will fit *round* or *square* Conductor pipe.

Made in the Following Sizes

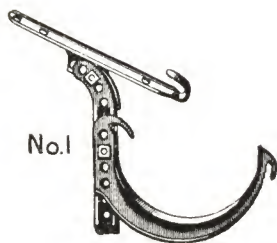
- No. 1 Galvanized will fit 2 to 4 inch
- No. 2 Galvanized will fit 5 to 6 inch
- No. 3 Copper will fit 2 to 4 inch
- No. 4 Copper will fit 5 to 6 inch

Therefore, you cannot fail to perceive the economy in carrying this style of Conductor Strainer, as you will save the necessity of carrying the numerous assorted sizes of the "old style" spout guard.

It will give better satisfaction to your customers, for it is made of *extra heavy* Galvanized wire, and where the wires are clutched by the Galvanized cap, it is all *extra soldered*; thus no possible breaking.

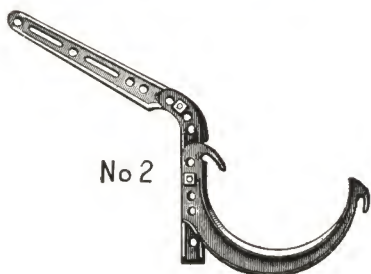
Write for Prices and Samples

B. B. Hinged Hangers

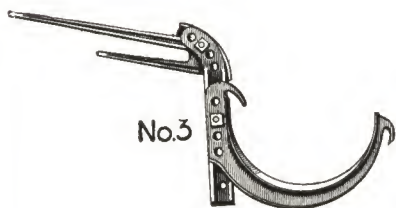


No. 1 is clamped direct to the metal roof, needing only one bolt through the iron. A valuable article for awnings and corrugated roofs.

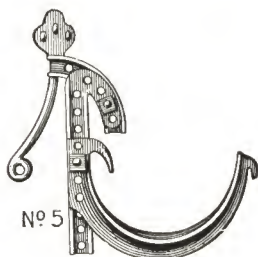
For large gutters use No. 16 stem giving 1 inch larger drip projection.



No. 2 is nailed to the side of rafter for any desired angle, either flat or extra steep roofs.

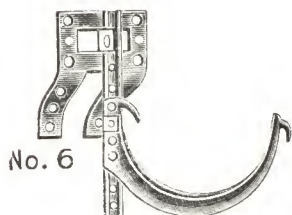


No. 3 is same as No. 8 or 13. Hinged to drive with any pitch desired.



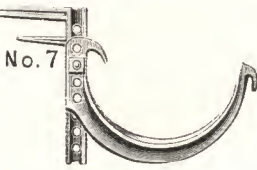
No. 5 will span over various shaped mouldings and is easily bent larger or smaller before nailing to the eave.

For large projection of the shingle use No. 1 stems with this plate.

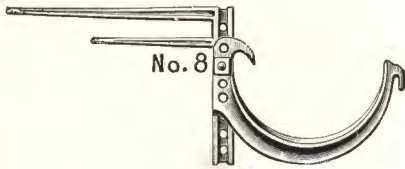


No. 6 is made specially to nail against "O. G." mouldings. The two stays are made to fit in the cove and can be bent to suit variation.

B. B. Hinged Hangers (Continued)

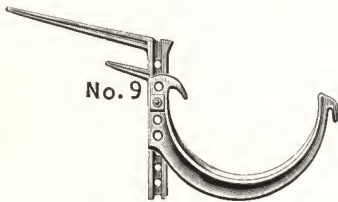


No. 7 is made to drive from 3 to 4 inches square in the cornice. The lower prong forms a brace for the upper, and makes it very strong and firm.

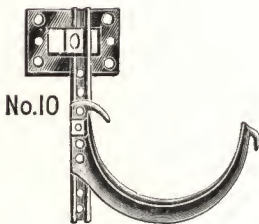


No. 8 is made to drive from 3 to 6 inches square in the cornice.

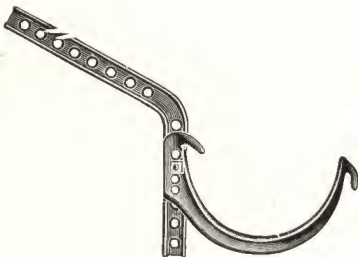
This iron is intended for eaves where the shingles project far over the cornice.



No. 9 is to drive with the pitch of the roof. Same length as No. 7. Suited for narrow molded cornice.



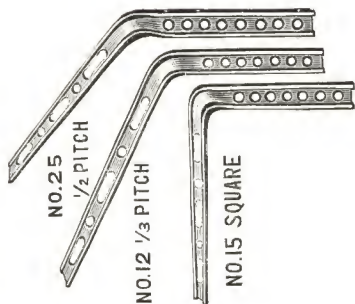
No. 10 is made to nail against square box cornices.



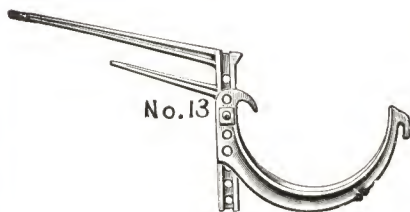
No. 11 is for nailing to the side of exposed rafters. Furnished in four and six inch drop lengths. We assort them about 80 short (4-inch) and 20 long (6-inch) to the 100 pieces.

When ordered otherwise than the regular assortment, an extra will be charged.

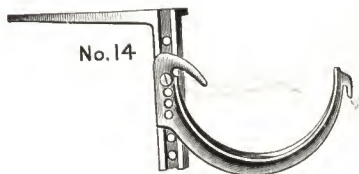
B. B. Hinged Hangers (Continued)



No. 12, 15 and 25 shanks are fastened under slate or forced up under shingles. Owing to the slots, a nail can be driven through the roof and the opening found without difficulty. The No. 12, 15 and 25 are stamped from a solid piece of wrought iron, and if it doesn't have the exact pitch desired when installed, it can be bent with a monkey wrench or other instrument without danger of breaking.



No. 13 drives with the pitch of the roof. Same length as No. 8.



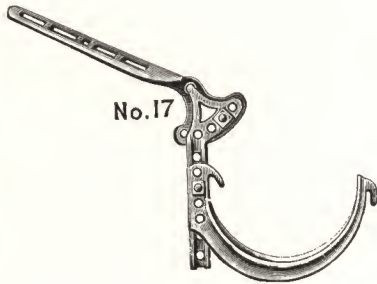
No. 14 is made to drive in brick or stone fronts.



No. 16 is fastened under the shingle. For extra steep roof use No. 1 stem.

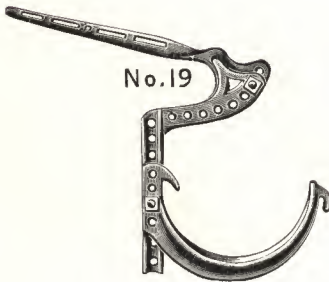
We also make No. 16 double weight and strength for extra strong work.

B. B. Hinged Hangers (Continued)



No. 17

No. 17 is fastened under the shingles, the hinge and circle both adjust to every $\frac{1}{8}$ inch.



No. 19

No. 19 is used either on top or under the shingles and suited for short projection of the shingles over the mouldings.



No. 20

No. 20 is hinged for any pitch, can be nailed or screwed to various shaped mouldings at any angle desired.

B. B. Gutter Hangers

All Shanks and Circles Interchangeable Length of Shanks



EXTENSION SHANKS

This shank is 6 inches long and the use of same allows for a 5 inch extension



GEM CIRCLE

For single bead gutters. Sizes 3½, 4, 5, 6, 7, 8 inch



PENN CIRCLE

For double bead gutters. Sizes 3½, 4, 5, 6, 7, 8 inch

SHANKS—Per 100

	Complete Plain Black	Complete Tinned	Plate only Black	Stem only Black	Plate only Tinned	Stem only Tinned
No. 1.....	\$13.00	\$16.25	\$ 7.50	\$ 5.50	\$ 9.40	\$ 6.90
No. 2.....	10.40	13.00	4.90	5.50	6.15	6.90
No. 3.....	11.50	14.40	6.00	5.50	7.50	6.90
No. 5.....	10.00	12.50	4.50	5.50	5.65	6.90
No. 6 Assorted lengths.....	9.50	11.90	.....	.....	.....	.....
No. 6 All long.....	11.00	13.75	.....	.....	.....	.....
No. 7 Assorted lengths.....	5.40	6.75	.....	.....	.....	.....
No. 7 All long.....	7.40	9.25	.....	.....	.....	.....
No. 8 Assorted lengths.....	7.70	9.65	.....	.....	.....	.....
No. 8 All long.....	8.90	11.10	.....	.....	.....	.....
No. 9 Assorted lengths.....	5.50	6.90	.....	.....	.....	.....
No. 9 All long.....	8.00	10.00	.....	.....	.....	.....
No. 10 Assorted lengths.....	7.50	9.40	.....	.....	.....	.....
No. 10 All long.....	9.50	11.90	.....	.....	.....	.....
No. 11 Assorted lengths.....	7.30	9.10	.....	.....	.....	.....
No. 11 All long.....	9.00	11.25	.....	.....	.....	.....
No. 12 Assorted lengths.....	8.90	11.15	.....	.....	.....	.....
No. 12 All long.....	10.25	12.80	.....	.....	.....	.....
No. 13.....	8.10	10.15	.....	.....	.....	.....
No. 14.....	9.40	11.75	.....	.....	.....	.....
No. 15 Assorted lengths.....	8.90	11.15	.....	.....	.....	.....
No. 15 All long.....	10.25	12.80	.....	.....	.....	.....
No. 16.....	12.90	16.15	7.40	5.50	9.25	6.90
Ng. 16 Extra heavy.....	25.60	32.00	15.35	10.25	19.20	12.80
No. 17.....	13.70	17.15	8.00	5.70	10.00	7.15
No. 19.....	15.50	19.40	8.00	7.50	10.00	9.40
No. 20.....	9.50	11.90	3.80	5.70	4.75	7.15
No. 25 Assorted lengths.....	8.90	11.15	.....	.....	.....	.....
No. 25 All long.....	10.25	12.80	.....	.....	.....	.....
Extension Shanks.....	5.70	7.15	.....	.....	.....	.....

B. B. Gutter Hangers (Continued)

CIRCLES WITH BOLTS AND STRAPS—PER 100

GEM CIRCLES For Single-Bead Gutter

	Black	Tinned
3 inch.....	\$ 4.75	\$ 5.95
3¼ inch.....	4.85	6.05
3½ inch.....	5.55	6.95
3¾ inch.....	5.80	7.25
4 inch.....	5.85	7.30
4½ inch.....	6.95	8.70
5 inch.....	7.15	8.95
6 inch.....	9.45	11.80
7 inch.....	13.60	17.00
8 inch.....	15.50	19.40

Adjustable Style

8 inch.....	\$20.00	\$25.00
9 inch.....	23.00	28.75
10 inch.....	27.00	33.75
12 inch.....	30.00	37.50

PENN CIRCLES For Double-Bead Gutter

	Black	Tinned
3½ inch.....	\$ 6.25	\$ 7.30
3¾ inch.....	6.25	7.30
4 inch.....	6.60	8.25
4½ inch.....	7.25	9.10
5 inch.....	7.90	9.90
6 inch.....	9.45	11.80
7 inch.....	14.00	17.50
8 inch.....	16.20	20.25

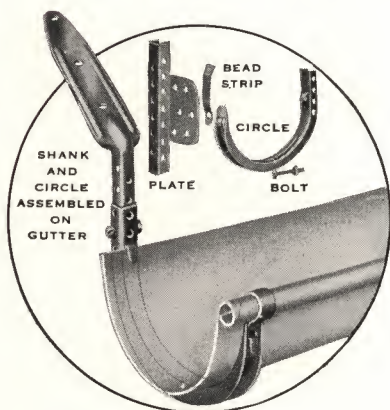
Adjustable Style

10 inch.....	\$27.00	\$33.75
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Any quantity less than 50 pieces, price is net.

Monarch Hangers

COPPER



The Monarch Shank, Plate and Circle Gutter Hanger

is built on an entirely new principle that overcomes the limitations and disadvantages of old fashioned *numbered* Shank and Circle Gutter Hangers:

Monarch Shanks are adjustable; only *one* type of Shank required for any pitch of roof.

Monarch Plates, for use on facia boards and overhanging rafters, are *reversible* which permits either right or left fastening; Plates are adjustable up or down, same as the Shanks.

A secure fastening can also be made by using the Monarch Circle alone, nailing direct to the rafter or facia board; no other Circle can be used alone in this manner.

Price per 100

4 inch Circles.....	\$14.00
5 inch Circles.....	15.00
6 inch Circles.....	17.00
Shanks.....	10.00
Plates.....	10.00

PRICE LISTS

Berger's Gutter Hangers

MADE OF SOLID BRASS

Notice: Do not use the regular discount on these goods. A special discount will be quoted on application.

Shanks

Per 100		Per 100	
No. 1	\$33.00	No. 12	\$28.00
No. 2	27.00	No. 13	21.00
No. 3	32.00	No. 14	25.00
No. 5	25.00	No. 15	30.00
No. 6	25.00	No. 16	33.00
No. 7	16.00	No. 17	36.00
No. 8	22.00	No. 19	40.00
No. 9	16.00	No. 20	25.00
No. 10	22.00	No. 25	28.00
No. 11	22.00		

One Brass Bolt included with each Hinged Shank

Circles

With Brass Bolts and Straps

GEM CIRCLES Per 100		PENN CIRCLES Per 100	
3 inch	\$12.50	3½ inch	\$17.00
3½ inch	14.00	4 inch	20.00
4 inch	18.00	4½ inch	23.00
4½ inch	20.00	5 inch	24.00
5 inch	21.00	6 inch	28.00
6 inch	28.00	7 inch	38.00
7 inch	38.00	8 inch	44.00
8 inch	44.00		

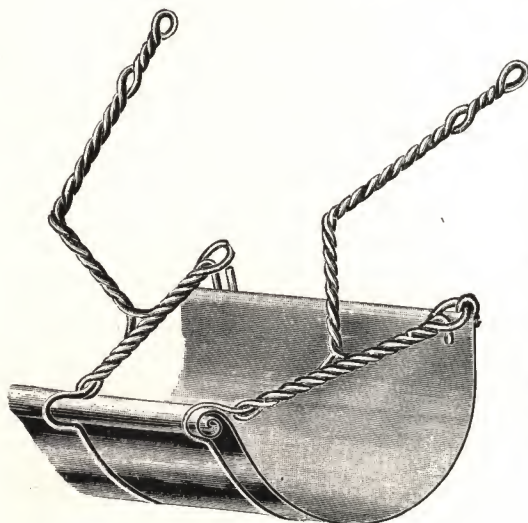
Additional Brass Bolts and Straps are charged extra

Discount Per Cent

Always state number of Shank wanted. Always state kind and size of Circle wanted.

Triple Twist Wire Eave Trough Hanger

Three Wires in Bar



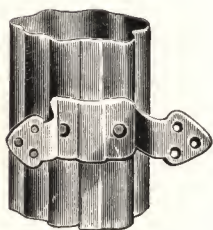
Single Bead

	Price Per Gross
3 inch.....	\$2.75
3½ "	2.75
4 "	2.75
4½ "	3.00
5 "	3.00
6 "	3.50
7 "	4.00
8 "	4.50

Double bead, 25c per gross extra.

Discount.....per cent.

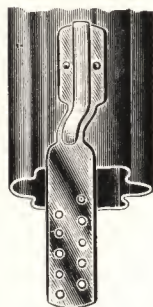
Strong, Durable, Easily Adjusted



No. 3 Pipe Cleats

Price per 100
Tinned

Especially suited for three and four inch pipe \$3.80
This Cleat makes a handsome finish on porch columns;
no tinner should be without them; they will answer
for all kinds of pipe.



Pipe Cleats

Price per 100
Tinned

No. 5, 7½ inches long for brick.....\$6.20
This Cleat is fastened lengthwise for slipped joints
and will answer for all sizes or kinds of pipe.
Put up 50 in a package.

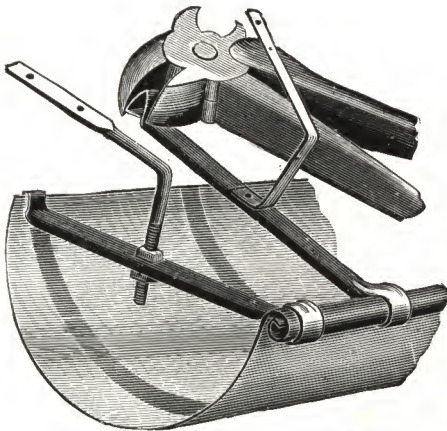


Repair Spikes

	Per 100, Black
Inches.....	7 9 12
For ½ inch Bead.....	\$7.90 \$10.00 \$11.40

A handy article to straighten up twisted gutter.

Eaves Trough Hangers



Berger's Imperial Hanger. Single Bead

Berger's Imperial Adjustable

For Single or Double Bead

Will sustain the greatest load of any hanger made.

Requires no soldering.

Adjustable to any pitch of roof.

A most effective brace as well as hanger.

Made of 16 gauge steel.

Unless otherwise ordered, rods will be sent with hangers.

We provide for $\frac{1}{2}$ -inch bead on all sizes up to 6-inch. Larger sizes are made for $\frac{5}{8}$ -inch bead unless otherwise ordered.

PRICE PER GROSS

Size	With Rods and Nuts	With Straps Riveted on
3	\$4.00	\$3.75
3 $\frac{1}{2}$	4.25	3.75
4	4.50	4.00
4 $\frac{1}{2}$	4.60	4.10
5	4.75	4.25
6	5.25	4.75
7	6.25	5.75
8	8.25	7.75

Double bead, 25 cents per gross advance on above list.

N. B.—All hangers made for $\frac{1}{2}$ -inch beads except 7-inch size, which will be $\frac{5}{8}$ -inch bead, unless otherwise ordered.

Steel Hanger Information

When ordering steel hangers please use the following instructions:

When hangers with Rods and Nuts are desired state—Steel R. & N. Hangers.

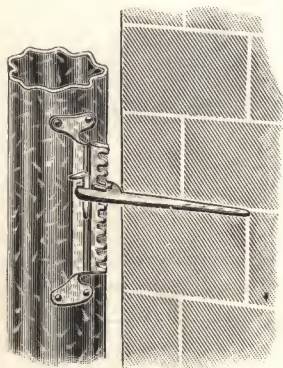
When Strap Hangers are desired state—Steel Strap Hangers.

Also state if the cross bars of steel R. & N. Hangers are desired Galvanized or Japanned and whether the strap Hangers are desired Galvanized or Japanned. Also state whether Single or Double Bead.

Berger's Patent Pipe Fastener

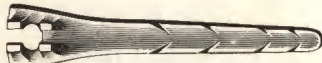
This Fastener must be seen and used to be appreciated. It can be used on all kinds and sizes of pipes, and used either end up, right or left hand, or in any other position desired, and allows enough variation to let the pipe slip together until it is tight in the joints, as all pipe should be to prevent rattling. Needs no close measuring on the wall to find a joint for the drive, and combines a handy, perfect, solid, concealed fastener in every respect.

Owing to the Racks being long, with clips at each end to solder, the strain is lessened and they are not liable to become loose. The Drives are made, as illustrated, in various lengths and styles, and by keeping an assortment of these Fasteners the pipe can always be fastened to wood, brick or stone at any distance from the wall, hence the B. B. Fastener is just the article wanted for every requirement.



Price per 100, Complete

	Malleable Tinned
No. 0, for brick, 3 inch	\$10.70
No. 1, for brick or stone, 4½ inch.	12.50
No. 2, for stone, 6 inch	15.00
No. 3, for stone, 9 inch	19.90
No. 4, for wood, 3 inch	9.60
No. 5, for wood, 5 inch	11.80
No. 6, to nail on wood	10.60
No. 7, to screw in wood	9.90



Price List on Drives Only

	Malleable Tinned
No. 0, for brick, 3 inch	\$ 4.10
No. 1, for brick or stone, 4½ inch.	5.90
No. 2, for brick or stone, 6 inch.	8.40
No. 3, for stone, 9 inch	13.30
No. 4, for wood, 3 inch	3.00
No. 5, for wood, 5 inch	5.20
No. 6, to nail on wood	4.00
No. 7, to screw in wood	3.30
Racks only	6.00
Keys . . . . .	.60

Discount per cent.

Square Conductor Hooks

Galvanized

Single Drive—Square



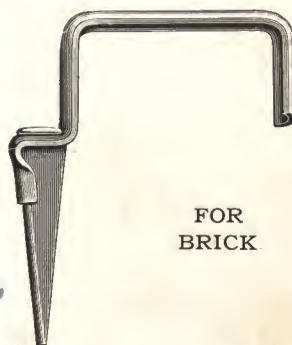
FOR
WOOD

The Leading Conductor
Hook on the Market

Better and Cheaper Than
Malleable

Strong and Dependable

Hot Galvanized to Prevent
Rusting



FOR
BRICK

SINGLE DRIVE—SQUARE—List Prices per Hundred

Size, Inches	2½	3	4	5	6
For Wood.....	\$4.00	\$5.00	\$7.00	\$10.00	\$12.00
For Brick.....	4.50	5.50	8.50	12.00	15.00

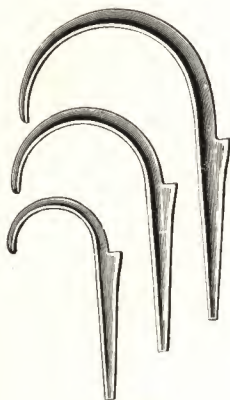
Sizes 2½ inch, 3 inch and 4 inch packed in lots of 100 each. Sizes 5 inch and 6 inch packed in lots of 50 each.

Important

2 inch Corrugated Square Pipe requires 2½ inch hook. All other sizes, plain and corrugated square pipe, require corresponding hook sizes.

Sickle Hooks

Plain

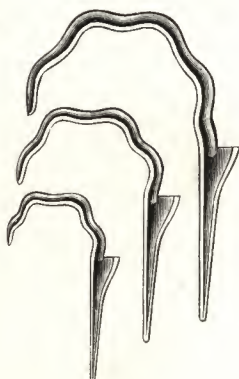


Per 100, Tinned

		For Wood	Brick
2 inch.....	\$ 3.50	\$ 4.60	
2½ inch.....	4.00	6.60	
3 inch.....	6.00	6.75	
3½ inch.....	7.20	9.70	
4 inch.....	7.20	9.70	
5 inch.....	12.30	13.20	
6 inch.....	16.40	18.50	

When ordering state whether for wood or brick.

For any quantity less than 50 pieces, price is net.



Corrugated

Per 100, Tinned

		For Wood	Brick
2 inch.....	\$4.80	\$ 5.20	
3 inch.....	6.40	6.75	
4 inch.....	9.80	10.20	

In ordering Sickle Hooks always state whether *Corrugated* Sickle or *Plain* Sickle is wanted, otherwise an error may occur or the order be delayed in writing for the information.

For any quantity less than 50 pieces, price is net.

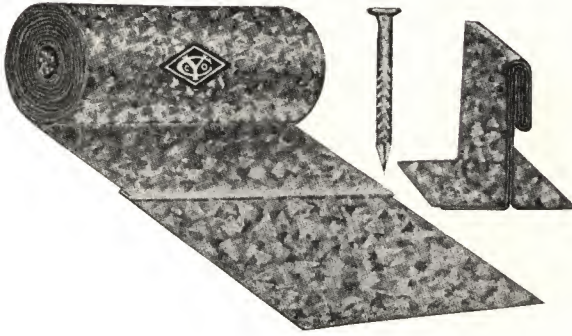
When ordering state whether for wood or brick.

Flashing Hooks—Per 100

	Black	Tinned
1½ inch.....	\$0.65	\$0.90
2½ inch.....	1.10	1.55
3½ inch.....	1.70	2.30
5½ inch.....	3.60	5.00
7½ inch.....	6.00	8.20

Galvanized Double Cross Lock Roofing

Steel, Ingot, Keystone and Toncan



Keystone, Ingot and Toncan not made lighter than 28 gauge. Steel can be furnished in 28 or 29 gauge. We use only the softest annealed open hearth sheets in the manufacture of this roofing, all corners notched before locking.

Galvanized Open Hearth Sheets re-squared, rolled up a square in a roll are used extensively as roofing all over the country and in some sections this style of material is recognized as the standard.

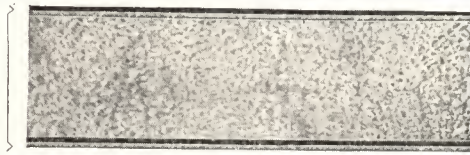
One of the main points in making this material is the re-squaring. We take special care in the re-squaring and when it is wired up a wood stick is placed on each roll to protect the end lock in shipping.

Each roll is $26\frac{1}{2}$ inches wide and when properly laid will cover a square and make a good roofing.

We always carry a large quantity in stock and can make prompt shipment.

No Cleats furnished unless specially ordered.

Two-V Crimped Roofing



Made in galvanized and painted.

The oldest and simplest style of sheet metal roofing manufactured.

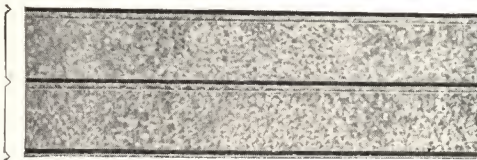
The covering and selling width of this roofing is 24 inches. It is made in all lengths from 5 to 12 feet inclusive.

This form of metal roofing is too old to need explanation.

You will find our V Crimp always uniform, all sheets being exactly the same width.



Three-V Crimped Roofing



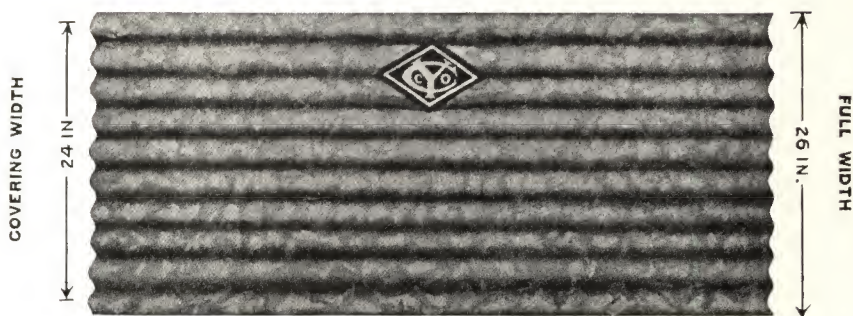
Made in galvanized and painted.

The covering and selling width of our 3-V Crimped roofing is 25½ inches, except the painted which is 23½ inches wide. Made in all lengths from 5 to 12 feet inclusive.

The third V is to stiffen the sheet and prevent rattle. This roofing is somewhat higher in price than the 2-V, as it requires more time and material to make it, and also takes twice as many wood strips as 2-V.

Note: 11 and 12 foot lengths are 10 cents extra per square.

2½-inch Corrugated Sheets

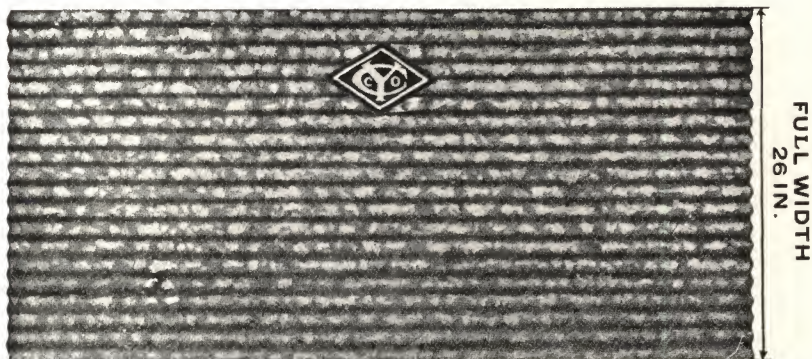


The corrugations are 2½ inches from center to center and ½ inch deep. Made of 16 gauge and lighter.

We furnish the above in either galvanized or painted. The full width of sheets, or selling width, is 26 inches. Covering width, 24 inches.

Made in 5, 6, 7, 8, 9, 10, 11 and 12-foot lengths.

1¼-inch Corrugated Sheets



The corrugations are 1¼ inches from center to center and ⅜ inch deep, made from No. 22 gauge and lighter.

The full width of sheets, or selling width, is 26 inches. Covering width, 24 inches. Furnished in galvanized or painted.

We corrugate these sheets with one edge up and one down, thereby making it easier to apply as the sheets do not have to be turned in laying, unless specially ordered both down.

Made in 5, 6, 7, 8, 9, 10, 11 and 12-foot lengths.

Note: 11 and 12 feet lengths are 10 cents extra per square.

Table showing number of square feet contained in from 1 to 50 sheets
of the various lengths of 2½-inch, 1¼-inch Corrugated Roofing
26 inches wide.

No. Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
1	.09	.11	.13	.16	.18	.20	.22	.24	.26
2	.18	.22	.26	.31	.35	.39	.44	.48	.52
3	.26	.33	.39	.46	.52	.59	.65	.72	.78
4	.35	.44	.52	.61	.70	.78	.87	.96	1.04
5	.44	.55	.65	.76	.87	.98	1.09	1.20	1.30
6	.52	.65	.78	.91	1.04	1.17	1.30	1.43	1.56
7	.61	.76	.91	1.07	1.22	1.37	1.52	1.67	1.82
8	.70	.87	1.04	1.22	1.39	1.56	1.74	1.91	2.08
9	.78	.98	1.17	1.37	1.56	1.76	1.95	2.15	2.34
10	.87	1.09	1.30	1.52	1.74	1.95	2.17	2.39	2.60
11	.96	1.20	1.43	1.67	1.91	2.15	2.39	2.62	2.86
12	1.04	1.30	1.56	1.82	2.08	2.34	2.60	2.86	3.12
13	1.13	1.41	1.69	1.98	2.26	2.54	2.82	3.10	3.38
14	1.22	1.52	1.82	2.13	2.43	2.73	3.04	3.34	3.64
15	1.30	1.63	1.95	2.28	2.60	2.93	3.25	3.58	3.90
16	1.39	1.74	2.08	2.43	2.78	3.12	3.47	3.81	4.16
17	1.48	1.85	2.21	2.58	2.95	3.32	3.69	4.05	4.42
18	1.56	1.95	2.34	2.73	3.12	3.51	3.90	4.29	4.68
19	1.65	2.06	2.47	2.89	3.30	3.71	4.12	4.53	4.94
20	1.74	2.17	2.60	3.04	3.47	3.90	4.34	4.77	5.20
21	1.82	2.28	2.73	3.19	3.64	4.10	4.55	5.00	5.46
22	1.91	2.39	2.86	3.34	3.82	4.29	4.77	5.25	5.72
23	2.00	2.50	2.99	3.49	3.99	4.49	4.99	5.48	5.98
24	2.08	2.60	3.12	3.64	4.16	4.68	5.20	5.72	6.24
25	2.17	2.71	3.25	3.79	4.34	4.88	5.42	5.96	6.50
26	2.26	2.82	3.38	3.95	4.51	5.07	5.64	6.19	6.76
27	2.34	2.93	3.51	4.10	4.68	5.27	5.85	6.44	7.02
28	2.43	3.04	3.64	4.25	4.86	5.46	6.07	6.68	7.28
29	2.52	3.15	3.77	4.40	5.03	5.66	6.29	6.91	7.54
30	2.60	3.25	3.90	4.55	5.20	5.85	6.50	7.15	7.80
31	2.69	3.36	4.03	4.70	5.38	6.05	6.72	7.39	8.06
32	2.78	3.47	4.16	4.86	5.55	6.24	6.94	7.63	8.32
33	2.86	3.58	4.29	5.01	5.72	6.44	7.15	7.87	8.58
34	2.95	3.69	4.42	5.16	5.90	6.63	7.37	8.10	8.84
35	3.04	3.80	4.55	5.31	6.07	6.83	7.59	8.34	9.10
36	3.12	3.90	4.68	5.46	6.24	7.02	7.80	8.58	9.36
37	3.21	4.01	4.81	5.62	6.42	7.22	8.02	8.82	9.62
38	3.30	4.12	4.94	5.77	6.59	7.41	8.24	9.06	9.88
39	3.38	4.23	5.07	5.92	6.76	7.61	8.45	9.30	10.14
40	3.47	4.34	5.20	6.07	6.94	7.80	8.67	9.53	10.40
41	3.56	4.45	5.33	6.22	7.11	8.00	8.89	9.77	10.66
42	3.64	4.55	5.46	6.37	7.28	8.19	9.10	10.01	10.92
43	3.73	4.66	5.59	6.53	7.46	8.39	9.32	10.25	11.18
44	3.82	4.77	5.72	6.68	7.63	8.58	9.54	10.49	11.44
45	3.90	4.88	5.85	6.83	7.80	8.78	9.75	10.72	11.70
46	3.99	4.99	5.98	6.98	7.98	8.97	9.97	10.97	11.96
47	4.08	5.10	6.11	7.13	8.15	9.17	10.19	11.20	12.22
48	4.16	5.20	6.24	7.28	8.32	9.36	10.40	11.44	12.48
49	4.25	5.31	6.37	7.44	8.50	9.56	10.62	11.68	12.74
50	4.34	5.42	6.50	7.59	8.67	9.75	10.84	11.92	13.00

Table showing number of square feet contained in from 51 to 100 sheets of the various lengths of 2½-inch, 1¼-inch Corrugated Roofing 26 inches wide.

No. Sheets	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.
51	4.42	5.53	6.63	7.74	8.84	9.95	11.05	12.16	13.26
52	4.51	5.64	6.76	7.89	9.02	10.14	11.27	12.40	13.52
53	4.60	5.75	6.89	8.04	9.19	10.34	11.49	12.64	13.78
54	4.68	5.85	7.02	8.19	9.36	10.53	11.70	12.87	14.04
55	4.77	5.96	7.15	8.35	9.54	10.73	11.92	13.11	14.30
56	4.86	6.07	7.28	8.50	9.71	10.92	12.14	13.35	14.56
57	4.94	6.18	7.41	8.65	9.88	11.12	12.35	13.59	14.82
58	5.03	6.29	7.54	8.80	10.06	11.31	12.57	13.83	15.08
59	5.12	6.40	7.67	8.95	10.23	11.51	12.79	14.06	15.34
60	5.20	6.50	7.80	9.10	10.40	11.70	13.00	14.30	15.60
61	5.29	6.61	7.93	9.26	10.58	11.90	13.22	14.54	15.86
62	5.38	6.72	8.06	9.41	10.75	12.09	13.44	14.78	16.12
63	5.46	6.83	8.19	9.56	10.92	12.29	13.65	15.02	16.38
64	5.55	6.94	8.32	9.71	11.10	12.48	13.87	15.25	16.64
65	5.64	7.05	8.45	9.86	11.27	12.68	14.09	15.49	16.90
66	5.72	7.15	8.58	10.01	11.44	12.87	14.30	15.73	17.16
67	5.81	7.26	8.71	10.17	11.62	13.07	14.52	15.97	17.42
68	5.90	7.37	8.84	10.32	11.79	13.26	14.74	16.21	17.68
69	5.98	7.48	8.97	10.47	11.96	13.46	14.95	16.45	17.94
70	6.07	7.59	9.10	10.62	12.14	13.65	15.17	16.68	18.20
71	6.16	7.70	9.23	10.77	12.31	13.85	15.39	16.92	18.46
72	6.24	7.80	9.36	10.92	12.48	14.04	15.60	17.16	18.72
73	6.33	7.91	9.49	11.08	12.66	14.24	15.82	17.40	18.98
74	6.42	8.02	9.62	11.23	12.83	14.43	16.04	17.64	19.24
75	6.50	8.13	9.75	11.38	13.00	14.63	16.25	17.88	19.50
76	6.59	8.24	9.88	11.53	13.18	14.82	16.47	18.12	19.76
77	6.68	8.35	10.01	11.68	13.35	15.02	16.69	18.36	20.02
78	6.76	8.45	10.14	11.83	13.52	15.21	16.90	18.59	20.28
79	6.85	8.56	10.27	11.99	13.70	15.41	17.12	18.83	20.54
80	6.94	8.67	10.40	12.14	13.87	15.60	17.34	19.07	20.80
81	7.02	8.78	10.53	12.29	14.04	15.80	17.55	19.31	21.06
82	7.11	8.89	10.66	12.44	14.22	15.99	17.77	19.55	21.32
83	7.20	9.00	10.79	12.59	14.39	16.19	17.99	19.79	21.58
84	7.28	9.10	10.92	12.74	14.56	16.38	18.20	20.02	21.84
85	7.37	9.21	11.05	12.90	14.74	16.58	18.42	20.26	22.10
86	7.46	9.32	11.18	13.05	14.91	16.77	18.64	20.50	22.36
87	7.54	9.43	11.31	13.20	15.08	16.97	18.85	20.74	22.62
88	7.63	9.54	11.44	13.35	15.26	17.16	19.07	20.98	22.88
89	7.72	9.65	11.57	13.50	15.43	17.36	19.29	21.22	23.14
90	7.80	9.75	11.70	13.65	15.60	17.55	19.50	21.45	23.40
91	7.89	9.86	11.83	13.81	15.78	17.75	19.72	21.69	23.66
92	7.98	9.97	11.96	13.96	15.95	17.94	19.94	21.93	23.92
93	8.06	10.08	12.09	14.11	16.12	18.14	20.15	22.17	24.18
94	8.15	10.19	12.22	14.26	16.30	18.33	20.37	22.41	24.44
95	8.24	10.30	12.35	14.41	16.47	18.53	20.59	22.65	24.70
96	8.32	10.40	12.48	14.56	16.64	18.72	20.80	22.88	24.96
97	8.41	10.51	12.61	14.72	16.82	18.92	21.02	23.12	25.22
98	8.50	10.62	12.74	14.87	16.99	19.11	21.24	23.36	25.48
99	8.58	10.73	12.87	15.02	17.16	19.31	21.45	23.60	25.74
100	8.67	10.84	13.00	15.17	17.34	19.50	21.67	23.84	26.00

Application of Corrugated Sheets for Roofing or Siding

For Roofing or Siding, iron framing, the side laps should be riveted every twelve to eighteen inches, or closer, and end laps on every other corrugation.

One of the best methods for fastening the sheets to iron beams and purlins, is by passing a cleat of band iron $\frac{3}{4}$ or $\frac{7}{8}$ inch wide around the purlins or beams, and rivet both ends to the sheet; by contracting or pressing this cleat toward web of beams or purlins, a tight and secure fastening is made which allows for contraction or expansion of the sheet.

Fig. A

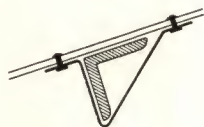


Fig. B



Fig. C

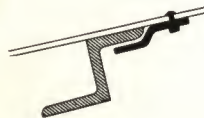


Fig. D



The above illustrations show several methods of applying Corrugated Roofing to iron roof frame work. Fig. A shows strap iron cleat riveted at each end; Fig. B shows a long wire or clinch nail driven through the Corrugated Iron and bent around the angle iron; Fig. C shows a cleat made from bar iron, riveted firmly to the Corrugated Roofing and binding against the flange of Z bar or angle iron; and Fig. D a strap iron cleat riveted at one end only, the other end clamping the flange of channel iron.

For Siding, lap sheets but one corrugation. If sheets are used without sheathing, studding should be 24 inches from center to center.

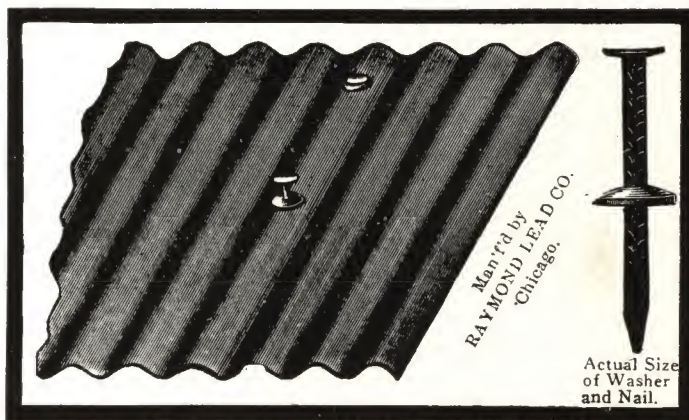
For Roofing, the better practice is to lap the sheets one and one-half corrugation, nailing through top of corrugations.

Lead Washers

Lead washers when used as indicated in cut below, make an absolutely water-tight joint on any surface, whether concave, convex or flat; they also prevent rust forming underneath the nail-head, and the head of the nail from cutting into the sheet, making a more durable job.

About 275 lead washers to the pound.

One-half pound sufficient to apply one square.



Advantages of Lead Washers

The first rust on a metal roof usually appears around the nail holes. Water collects in small drops, so small that one can hardly see them, in the slight offsets made by the nail heads where they touch the roofing, and as neither the roofing nor the nails are rust-proof, the two similar metals are acted upon by the oxidizing or rusting process. This action in time loosens the nail head and allows considerable moisture to get through to the underside of the roofing sheets, when serious trouble results.



LEAD HEADED
NAILS

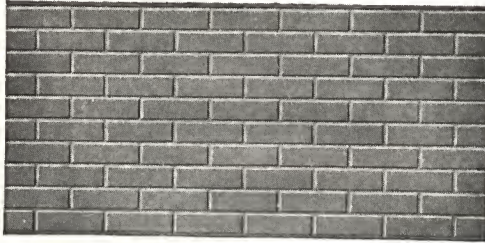
They protect the holes made in sheet steel and prevent moisture from entering.

This action may be almost eliminated or indefinitely postponed by the use of lead washers, which are not at all expensive.

These washers are placed convex side up, and the nails driven through until the heads fit tightly on the washers; this insures the washers fitting tightly against the sheets, where they act as sealers—just as rubber bands act when placed under the lids of fruit jars. The nail head cannot cut into the roofing sheet; neither can moisture act upon the two pieces of iron or steel at the same time, as the lead washers, which cannot possibly rust, prevent the entrance of moisture at such places.

The slight additional expense is great economy.

Select Pressed Steel Brick



Made from best quality galvanized and painted iron.

Size of each sheet, 28 x 60 inches. Size of each brick, $2\frac{1}{5}$ x $8\frac{1}{4}$ inches.

This form of siding is the most popular and is more extensively used than all other pressed sidings excepting corrugated.

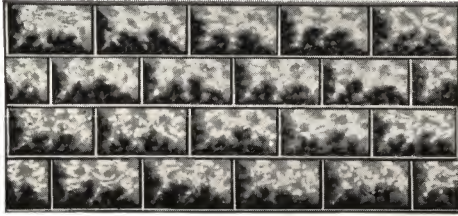
Rock Faced Brick Siding



Made from best quality galvanized and painted iron.

Size of each sheet, 28 x 60 inches. Size of each brick, $2\frac{1}{5}$ x $8\frac{1}{4}$ inches.

Rock Face Stone Siding

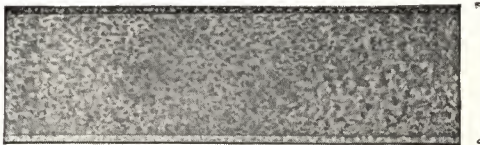


Made from best quality galvanized or painted steel.

Size of each sheet, 28 x 60 inches. Size of each stone, 7 x 12 inches.

This form of siding is extensively used for foundation of cottages.

Pressed Standing Seam Roofing



Made in galvanized and painted. Lengths from 5 to 10 feet inclusive.

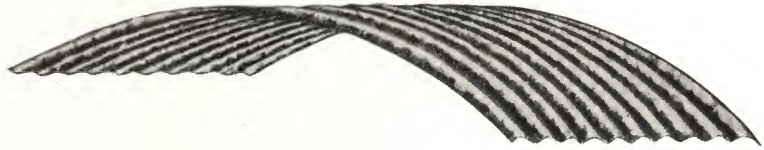
This roofing is simple in its application and effective in its construction.

One-half pound of cleats is required to each square of roofing. Cleats are not shipped with roofing unless ordered specially.

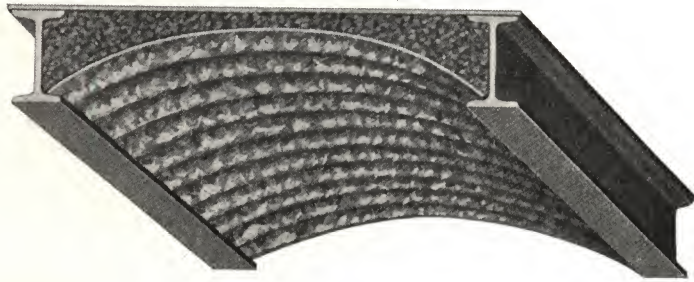
The covering and selling width of this roofing is 24 inches.

Curved Corrugated Sheets

Black, Painted or Galvanized



Shows Corrugated Sheet curved for Roofing and Ceiling. Furnished in all gauges from 12 gauge and lighter. Standard Corrugations, $2\frac{1}{2}$ inches.



Shows application of Curved Corrugated Sheets on floor beams used for ceilings, vaults, underground passages and between the I-beams in buildings and bridges of iron construction. $2\frac{1}{2}$ -inch corrugations. Made in all gauges, 12 and lighter.

Directions for Ordering

If for roofing, allow for projections. If for ceiling, give the distance between the webs of the I-beams, rise of arch and length and number of spaces to be covered.

Sheets 3 to 12 feet long can be curved to any desired radius, and in any gauge No. 12 and lighter.

Weather Board Siding



Made from best quality galvanized or painted sheets. In all lengths from 5 feet to 10 feet inclusive, width, 24 inches.

When properly applied, this form of siding makes a very desirable job. It is difficult to distinguish it from wood weather boarding. It will outlast wood and is also fireproof.

Standard Differentials and Extras for Painted and Formed Products per 100 lbs. over Corresponding Gauges of Flat Sheets

Extras per Square are based on weight per square multiplied by extra per 100 lbs.

PAINTING		GAUGES			
	29	25 to 28	19 to 24	12 to 18	Extra per 100 lbs.
Red Oxide of Iron.....	...	\$.25	\$.20	\$.15	...
FORMING					
2, 2½, 3 and 5 inch Corrugated.....	\$.05	\$.05	\$.05	\$.05	\$...
⅝, 1¼ inch Corrugated.....	.10	.10	.10	...	...
2 V-Crimp—without sticks.....	.05	.05	.05	...	...
3 V-Crimp—without sticks.....	.10	.10	.10	...	...
4 V-Crimp—without sticks.....	.10	.10	.10	...	...
5 V-Crimp—without sticks.....	.20	.20	.20	...	...
Pressed Standing Seam—with cleats.....	.15	.15	.15	...	...
Plain Roll Roofing—with or without cleats.....	.15	.15	.15	...	...
Beaded Ceiling.....	.25	.25	.25	...	...
Weatherboard Siding.....	.25	.25	.25	...	...
Plain Brick Siding.....	.20	.20	...	...	...
Rockfaced Brick and Stone Siding.....	.25	.25	...	...	...

Extras in Addition to Above

	29	25 to 28	19 to 24	12 to 18	Extra per 100 lbs.
Corrugating Sheet Crosswise.....	\$.10	\$.10	\$.10	\$.10	...
Curving—Corrugated Sheets, Single Curve.....	.25	.25	.25	.25	...
Curving—Corrugated Sheets, Double Curve.....	.50	.50	.50	.50	...
Forming—Sheets under 60 inches long to 30 inches inclusive.....	.05	.05	.05	.05	...
Forming—Sheets under 30 inches long to 20 inches inclusive.....	.10	.10	.10	.10	...
Forming—Sheets under 20 inches long.....	.25	.25	.25	.25	...

FORMED ROOFING

No. 28 gauge and heavier in even gauges for Black, Painted and Galvanized and No. 29 gauge in Galvanized.

Widths: All regular widths for the various forms.

Lengths: 60, 72, 84, 96, 108, 120, 132 and 144 inches.

Black and Galvanized size extras will apply.

Lengths other than standard and widths other than regular for the various forms are subject to Sheet Mill extras for quantity. The extra for shipment of "exact quantities specified" does not apply.

Sticks for V-Crimp Roofing, 30 cents per 100 lineal feet, or based on the price of lumber.

Formed Roofing Sheets

Standard Weights Per Square

Weight of bands not included

In order to insure uniformity it is essential that the square weights given in the following table be observed when Formed Sheets for Roofing are sold by the square.

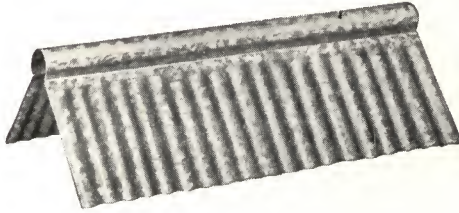
GALVANIZED

PRODUCTS	GAUGE	29	28	27	26	25	24	23	22	21	20	18	16
2½ inch Corrugated Siding (26 in. Wide).....		77	84	91	98	111	125	138	151	165	178	232	286
2½ inch Corrugated Roofing (27½ in. Wide).....		78	85	92	99	113	126	140	153	167	181	235	290
1¼ inch Corrugated (25 in. Wide).....		81	88	95	102	116	130	144	158	172	186		
1¼ inch Corrugated (26 in. Wide).....		77	84	91	98	111	125	138	151	165	178		
Two V-Crimped, without Sticks.....		78	85	91	98	112	125	139	152	166	179		
Three V-Crimped, without Sticks.....		79	86	93	100	114	128	141	155	169	183		
Four V-Crimped, without Sticks.....		83	90	97	104	119	133	147	162	176	191		
Five V-Crimped, without Sticks.....		84	91	98	106	120	135	149	164	179	193		
Pressed Standing Seam, without Cleats.....		79	86	93	100	114	128	141	155	169	183		
Roll Roofing, without Cleats.....		81	88	95	102	116	130						
Roll and Cap Roofing, with Caps and Cleats.....		86	93	100	108	123	137						
Beaded Ceiling.....		78	85	91	98	112	125						
Weatherboard Siding.....		81	88	95	102	116	130	144	158				
Plain Brick Siding.....		72	78	84	91								
Rock Face Brick (and Stone) Siding.....		72	78	84	91								

PAINTED

PRODUCTS	GAUGE	28	27	26	25	24	23	22	21	20	18	16
2½ inch Corrugated Siding (26 in. Wide).....		68	75	82	95	109	122	136	149	163	216	270
2½ inch Corrugated Roofing (27½ in. Wide).....		69	76	83	97	110	124	137	151	165	219	274
1¼ inch Corrugated (25 in. Wide).....		71	78	85	99	113	127	141	155	169		
1¼ inch Corrugated (26 in. Wide).....		68	75	82	95	109	122	136	149	163		
Two V-Crimped, without Sticks.....		69	76	82	96	109	123	137	150	164		
Three V-Crimped, without Sticks.....		70	77	84	98	112	125	139	153	167		
Four V-Crimped, without Sticks.....		73	80	87	102	116	131	145	159	174		
Five V-Crimped, without Sticks.....		74	81	89	103	118	132	147	162	176		
Pressed Standing Seam, without Cleats.....		70	77	84	98	112	125	139	153	167		
Roll Roofing, without Cleats.....		72	79	86	100	114						
Roll and Cap Roofing, with Caps and Cleats.....		76	83	91	105	120						
Beaded Ceiling.....		69	76	82	96	109						
Weatherboard Siding.....		71	78	86	100	114	128	142				
Plain Brick Siding.....		64	70	76								
Rock Face Brick (and Stone) Siding.....		64	70	76								

Corrugated Ridge Roll



Plain Round Ridge Roll with Nailing Flange



Diameter of Roll, Inches	Width of Apron, Inches	Girth, Inches	29 ga. Galvanized per ft.	28 ga. Galvanized per ft.	26 ga. Galvanized per ft.	24 ga. Galvanized per ft.
1 $\frac{1}{4}$	2	7	\$.14	\$.16	\$.20	\$.26
1 $\frac{1}{2}$	2	8	.16	.18	.22	.28
2	2 $\frac{1}{2}$	10	.19	.21	.25	.31
2 $\frac{1}{2}$	3	12	.23	.25	.29	.35
3	3 $\frac{1}{2}$	14	.28	.30	.34	.40

Discount, Steel.....%

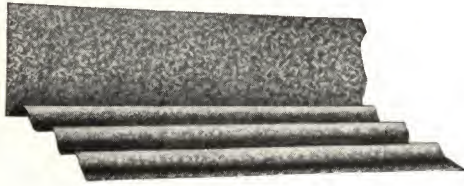
Discount, Toncan.....%

Cold Rolled Copper Ridge Roll

Diameter Inches	Apron, Inches	Girth, Inches	14 oz.	16 oz.
1 $\frac{1}{2}$	2	8	.28	.32
2	2 $\frac{1}{2}$	10	.33	.36
2 $\frac{1}{2}$	3	12	.41	.46
3	3 $\frac{1}{2}$	14	.53	.58

Discount.....%

Corrugated Side Wall Flashing



Galvanized or Painted

2½ inch or 1¼ inch corrugations. 12 inch girth; 4 inch return; 7½ inch face; 10 foot lengths.

Corrugated End Wall Flashing



Galvanized or Painted

2½ inch or 1¼ inch corrugations; 12 inch girth; 4 inch return; 8 inch face; 28 inch lengths.

Shingles

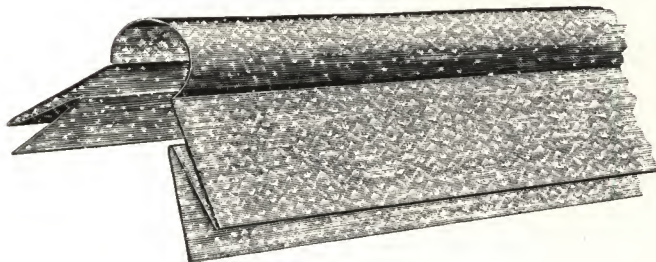
Galvanized shingles in standard sizes are furnished in the latest designs.

	Number to a square
10" x 14"	145
14" x 20"	67

Write for samples and prices.

Special Ridge Finish and Valley for Use With Metal Shingles

Special Ridge Finish—With Roll



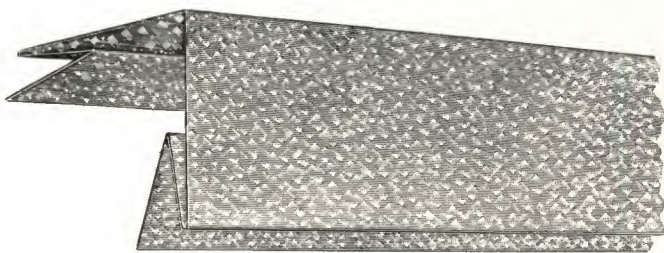
Style A

10, 12, 14, 16, 20, 24, 28 and 30 inch girth. 10 foot lengths. Galvanized, or Copper. An ornamental finish and secure protection.

Made in one piece. No exposed nail heads.

Special Ridge Finish—Plain

Style B

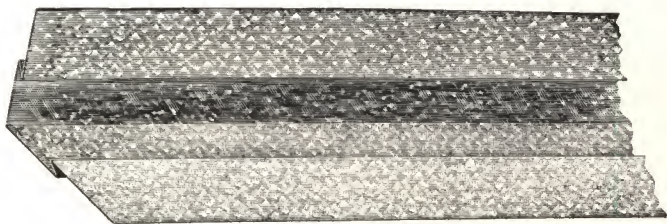


10, 12, 14, 16, 20, 24, 28 and 30 inch girth. 10 foot lengths. Can be used with any style of Metal Shingles.

Galvanized or Copper. Easy to apply. Absolutely weatherproof.

Special Valley

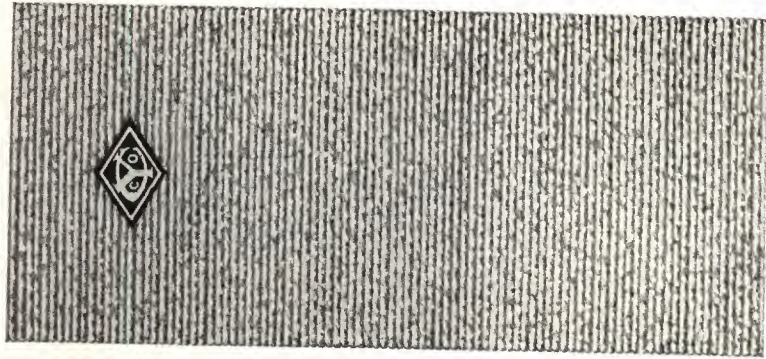
Made in one piece. 10, 12, 14, 16, 20, 24, 28 and 30 inch girth. 10 foot lengths.



Galvanized or Copper.

The shingles lock under the fold of this valley, affording a perfect protection against water washing up under them. Allows fully for contraction and expansion. All nail heads are covered.

Crimped Sheets for Cornice



Made of Gauges 24 and lighter. Size of crimps, $\frac{3}{16} \times \frac{1}{16}$ inch. Sheets of any length, crimped cross-ways up to 40 inches wide. Galvanized crimped used for Cornice, Stylings, Borders, Friezes, Window and Door Case Coverings, Panels, Mouldings, etc. The crimping makes the sheets about three gauges stiffer, takes out buckles and waves, and gives the appearance of dressed stone. It can be bent after crimped to any angle without breaking material.

Brass Milk Strainer Cloth

In rolls 12 inches wide, 5 feet long

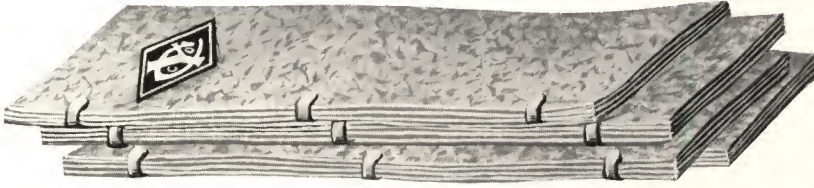
Mesh Number 40, Price per square foot.....	\$.....
Mesh Number 50, Price per square foot.....	\$.....
Mesh Number 60, Price per square foot.....	\$.....

Nails

Tinners Nails.....	$\frac{3}{4}$ in.	$\frac{7}{8}$ in.	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.
Galv. Barbed Roofing Nails	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	$1\frac{3}{4}$ in.	2 in. $2\frac{1}{2}$ in.

(Small and Large Heads)

Galvanized Steel Sheets



We carry a Complete Stock of the Best Quality sheets in all the standard sizes and gauges and are always in a position to make prompt shipments from either York or Harrisburg.



There has been a steady increasing demand for a rust-resisting metal for roofing purposes, Conductor Pipe, Eaves Trough, Cornices and like uses.



We carry at York or Harrisburg a stock of Armco, Keystone and Toncan Sheets in standard gauges and sizes.

YORK CORRUGATING COMPANY

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	10			11			12			Square feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	69.4	138	2	61.8	185	3	54.37	163	3	12.
26x 72	75.1	150	2	67.	134	2	58.9	176	3	13.
28x 72	80.8	161	2	72.1	144	2	63.4	126	2	14.
30x 72	86.8	173	2	77.3	154	2	67.9	135	2	15.
36x 72	104.1	208	2	92.	184	2	81.56	163	2	18.
24x 84	80.9	161	2	72.	144	2	63.4	126	2	14.
26x 84	87.6	175	2	78.1	156	2	68.69	137	2	15.16
28x 84	94.2	188	2	84.2	168	2	73.99	148	2	16.33
30x 84	101.	202	2	90.2	180	2	79.29	158	2	17.5
36x 84	121.4	121	1	108.3	216	2	95.1	190	2	21.
24x 96	92.5	185	2	82.5	165	2	72.5	145	2	16.
26x 96	100.1	200	2	89.4	178	2	78.5	157	2	17.33
28x 96	107.88	215	2	96.2	192	2	84.55	169	2	18.66
30x 96	115.6	231	2	103.1	206	2	90.6	181	2	20.
36x 96	138.1	138	1	123.7	123	1	108.7	108	1	24.
24x120	115.62	115	1	103.12	206	2	90.62	181	2	20.
26x120	125.25	125	1	111.72	111	1	98.17	196	2	21.66
28x120	134.88	134	1	120.31	120	1	105.72	211	2	23.33
30x120	144.53	144	1	128.9	128	1	113.27	113	1	25.
36x120	173.44	173	1	154.68	154	1	135.93	135	1	30.

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	13			14			15			Square feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	46.87	140	3	39.37	157	4	35.6	142	4	12.
26x 72	50.78	152	3	42.65	170	4	38.59	154	4	13.
28x 72	54.68	164	3	45.9	137	3	41.5	166	4	14.
30x 72	58.59	175	3	49.2	147	3	44.5	133	3	15.
36x 72	70.3	140	2	59.	179	3	53.4	160	3	18.
24x 84	54.68	164	3	45.9	137	3	41.5	166	4	14.
26x 84	59.2	177	3	49.74	149	3	45.	135	3	15.16
28x 84	63.78	191	3	53.58	160	3	48.47	145	3	16.33
30x 84	68.3	136	2	57.4	172	3	51.95	155	3	17.5
36x 84	82.	164	2	68.9	137	2	62.24	124	2	21.
24x 96	62.5	125	2	52.5	157	3	47.5	142	3	16.
26x 96	67.69	135	2	56.8	170	3	51.44	154	3	17.33
28x 96	72.89	145	2	61.2	183	3	55.39	166	3	18.66
30x 96	78.2	156	2	65.6	131	2	59.37	178	3	20.
36x 96	93.75	187	2	78.75	157	2	71.5	143	2	24.
24x120	78.12	156	2	65.62	131	2	59.37	178	3	20.
26x120	84.63	169	2	71.09	142	2	64.32	128	2	21.66
28x120	91.14	182	2	76.56	153	2	69.27	138	2	23.33
30x120	97.65	195	2	82.	164	2	74.22	148	2	25.
36x120	117.18	117	1	98.43	196	2	89.06	178	2	30.

No allowance for bands

YORK CORRUGATING COMPANY

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	16			17			18			Square Feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	31.87	159	5	28.87	144	5	25.87	155	6	12.
26x 72	34.5	138	4	31.28	156	5	28.	140	5	13.
28x 72	37.18	148	4	33.68	168	5	30.18	150	5	14.
30x 72	39.84	159	4	56.	144	4	32.34	161	5	15.
36x 72	47.8	143	3	43.3	173	4	38.8	155	4	18.
24x 84	37.18	148	4	33.68	168	5	30.18	150	5	14.
26x 84	40.2	160	4	36.4	145	4	32.68	163	5	15.16
28x 84	43.37	173	4	39.25	157	4	35.2	140	4	16.33
30x 84	46.48	139	3	42.1	168	4	37.7	150	4	17.5
36x 84	55.78	167	3	50.5	151	3	45.28	135	3	21.
24x 96	42.5	170	4	38.5	154	4	34.5	138	4	16.
26x 96	46.	138	3	41.7	166	4	37.36	149	4	17.33
28x 96	49.56	148	3	44.9	179	4	40.23	160	4	18.66
30x 96	53.2	159	3	48.1	144	3	43.12	172	4	20.
36x 96	63.75	127	2	57.75	173	3	51.75	155	3	24.
24x120	53.12	159	3	48.12	144	3	43.12	129	3	20.
26x120	57.55	172	3	52.13	156	3	46.72	140	3	21.66
28x120	61.98	186	3	56.14	168	3	50.31	150	3	23.33
30x120	66.40	132	2	60.15	180	3	53.90	161	3	25.
36x120	79.69	159	2	72.19	144	2	64.69	129	2	30.

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	19			20			21			Square Feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	22.87	160	7	19.87	158	8	18.37	146	8	12.
26x 72	24.75	148	6	21.53	150	7	19.9	159	8	13.
28x 72	26.68	160	6	23.18	162	7	21.43	150	7	14.
30x 72	28.59	142	5	24.84	149	6	22.96	160	7	15.
36x 72	34.3	137	4	29.8	149	5	27.56	165	6	18.
24x 84	26.68	160	6	23.18	162	7	21.43	150	7	14.
26x 84	28.89	144	5	25.1	150	6	23.2	162	7	15.16
28x 84	31.12	155	5	27.	135	5	25.	150	6	16.33
30x 84	33.35	166	5	28.77	144	5	26.79	160	6	17.5
36x 84	40.	160	4	34.78	139	4	32.15	160	5	21.
24x 96	30.5	152	5	26.5	159	6	24.5	147	6	16.
26x 96	33.	165	5	28.7	143	5	26.53	159	6	17.33
28x 96	35.57	142	4	30.9	154	5	28.57	142	5	18.66
30x 96	38.12	152	4	33.12	165	5	30.6	153	5	20.
36x 96	45.75	137	3	39.75	159	4	36.75	157	4	24.
24x120	38.12	152	4	33.12	165	5	30.62	153	5	20.
26x120	41.30	165	4	35.88	143	4	33.17	165	5	21.66
28x120	44.48	133	3	38.64	154	4	35.73	142	4	23.33
30x120	47.65	142	3	41.40	165	4	38.28	153	4	25.
36x120	57.19	171	3	49.68	149	3	45.93	137	3	30.

No allowance for bands

YORK CORRUGATING COMPANY

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	22			23			24			Square feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	16.87	151	9	15.37	153	10	13.87	152	11	12.
26x 72	18.28	146	8	16.65	149	9	15.03	150	10	13.
28x 72	19.68	157	8	17.93	143	8	16.18	145	9	14.
30x 72	21.	147	7	19.2	153	8	17.34	156	9	15.
36x 72	25.3	151	6	23.	161	7	20.8	145	7	18.
24x 84	19.68	157	8	17.93	143	8	16.18	145	9	14.
26x 84	21.3	149	7	19.42	155	8	17.52	140	8	15.16
28x 84	22.96	160	7	20.92	146	7	18.88	151	8	16.33
30x 84	24.6	148	6	22.42	156	7	20.23	141	7	17.5
36x 84	29.53	147	5	26.9	161	6	24.28	145	6	21.
24x 96	22.5	157	7	20.5	143	7	18.5	148	8	16.
26x 96	24.37	146	6	22.2	155	7	20.	160	8	17.33
28x 96	26.24	157	6	23.9	143	6	21.57	150	7	18.66
30x 96	28.12	140	5	25.62	153	6	23.12	161	7	20.
36x 96	33.75	168	5	30.75	153	5	27.75	166	6	24.
24x120	28.12	140	5	25.62	153	6	23.12	161	7	20.
26x120	30.47	152	5	27.76	166	6	25.05	150	6	21.66
28x120	32.81	164	5	29.89	149	5	26.98	161	6	23.33
30x120	35.15	140	4	32.03	160	5	28.90	144	5	25.
36x120	42.18	168	4	38.43	153	4	34.68	173	5	30.

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	25			26			27			Square feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	12.37	148	12	10.87	152	14	10.12	151	15	12.
26x 72	13.4	147	11	11.78	153	13	10.96	153	14	13.
28x 72	14.43	158	11	12.68	152	12	11.81	153	13	14.
30x 72	15.46	154	10	13.59	149	11	12.65	151	12	15.
36x 72	18.56	148	8	16.3	146	9	15.18	151	10	18.
24x 84	14.43	158	11	12.68	152	12	11.81	153	13	14.
26x 84	15.63	156	10	13.73	151	11	12.78	153	12	15.16
28x 84	16.84	151	9	14.79	147	10	13.77	151	11	16.33
30x 84	18.	144	8	15.85	158	10	14.76	147	10	17.5
36x 84	21.65	151	7	19.30	154	8	17.7	159	9	21.
24x 96	16.5	148	9	14.5	145	10	13.5	148	11	16.
26x 96	17.87	142	8	15.7	157	10	14.62	146	10	17.33
28x 96	19.24	153	8	16.9	152	9	15.74	157	10	18.66
30x 96	20.62	144	7	18.12	144	8	16.87	151	9	20.
36x 96	24.75	148	6	21.75	152	7	20.25	162	8	24.
24x120	20.62	144	7	18.12	145	8	16.87	151	9	20.
26x120	22.34	156	7	19.63	157	8	18.28	146	8	21.66
28x120	24.06	144	6	21.14	148	7	19.68	157	8	23.33
30x120	25.78	154	6	22.65	158	7	21.09	147	7	25.
36x120	30.93	154	5	27.18	163	6	25.31	151	6	30.

YORK CORRUGATING COMPANY

WEIGHTS OF GALVANIZED SHEETS—Per Sheet and Per Bundle

Gauges	28			29			30			Square Feet per Sheet
Sizes	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	Weight per Sheet	Weight per Bundle	Number of Sheets	
24x 72	9.37	149	16	8.62	147	17	7.87	150	19	12.
26x 72	10.15	152	15	9.34	149	16	8.53	145	17	13.
28x 72	10.93	153	14	10.06	151	15	9.18	146	16	14.
30x 72	11.71	152	13	10.78	162	15	9.84	147	15	15.
36x 72	14.	154	11	12.94	155	12	11.81	153	13	18.
24x 84	10.93	153	14	10.06	151	15	9.18	146	16	14.
26x 84	11.84	153	13	10.90	153	14	9.93	148	15	15.16
28x 84	12.75	153	12	11.74	153	13	10.71	149	14	16.33
30x 84	13.67	150	11	12.58	151	12	11.48	149	13	17.5
36x 84	16.4	147	9	15.09	151	10	13.78	151	11	21.
24x 96	12.5	150	12	11.50	149	13	10.5	157	15	16.
26x 96	13.53	148	11	12.46	150	12	11.37	158	14	17.33
28x 96	14.57	140	10	13.41	148	11	12.24	146	12	18.66
30x 96	15.62	156	10	14.37	144	10	13.12	144	11	20.
36x 96	18.75	150	8	17.25	155	9	15.75	157	10	24.
24x120	15.62	156	10	14.37	144	10	13.12	157	12	20.
26x120	16.92	152	9	15.57	156	10	14.21	156	11	21.66
28x120	18.22	145	8	16.77	151	9	15.31	153	10	23.33
30x120	19.53	156	8	17.97	162	9	16.4	147	9	25.
36x120	23.43	164	7	21.56	151	7	19.68	157	8	30.

No allowance for bands

COST OF TIN FOR STANDING SEAM ROOFING

Size, 20 x 28 inches

Price per box, per square foot and per hundred square feet

When Tin Costs	S. S. Roofing Costs	S. S. Roofing Costs	When Tin Costs	S. S. Roofing Costs	S. S. Roofing Costs	When Tin Costs	S. S. Roofing Costs	S. S. Roofing Costs
Box	Sq. Ft.	Square	Box	Sq. Ft.	Square	Box	Sq. Ft.	Square
\$6.00	.0162	\$1.62	\$12.50	.0337	\$3.37	\$19.00	.0513	\$5.13
6.50	.0175	1.75	13.00	.0351	3.51	19.50	.0526	5.26
7.00	.0189	1.89	13.50	.0364	3.64	20.00	.0540	5.40
7.50	.0202	2.02	14.00	.0378	3.78	20.50	.0553	5.53
8.00	.0216	2.16	14.50	.0391	3.91	21.00	.0567	5.67
8.50	.0230	2.30	15.00	.0404	4.04	21.50	.0580	5.80
9.00	.0243	2.43	15.50	.0418	4.18	22.00	.0594	5.94
9.50	.0256	2.56	16.00	.0432	4.32	22.50	.0607	6.07
10.00	.0270	2.70	16.50	.0446	4.46	23.00	.0621	6.21
10.50	.0283	2.83	17.00	.0459	4.59	23.50	.0634	6.34
11.00	.0297	2.97	17.50	.0473	4.73	24.00	.0648	6.48
11.50	.0310	3.10	18.00	.0486	4.86	.....	.....	.....
12.00	.0324	3.24	18.50	.0500	5.00	.....	.....	.....

The above estimates do not include cost of laying material.

Weights of Black and Galvanized Sheet Steel U. S. Standard Gauges

Galvanized		Number of Gauge	Black		
Weight per square foot in Pounds	Weights per square foot in Ounces		Weight per square foot in Pounds	Fractions of an inch	Decimal parts of an inch
.....	.....	0000000	20.4	$\frac{1}{2}$	.5
.....	.....	000000	19.125	$\frac{15}{32}$	.46875
.....	.....	00000	17.85	$\frac{7}{16}$	.4375
.....	.....	0000	16.575	$\frac{13}{32}$	.40625
.....	.....	000	15.30	$\frac{3}{8}$	.375
.....	.....	00	14.025	$\frac{11}{32}$	.34375
.....	.....	0	12.75	$\frac{5}{16}$	.3125
.....	.....	1	11.475	$\frac{9}{32}$	.28125
.....	.....	2	10.84	$\frac{17}{64}$	.265625
.....	.....	3	10.2	$\frac{1}{4}$	.25
.....	.....	4	9.56	$\frac{15}{64}$	.234375
.....	.....	5	8.925	$\frac{7}{32}$	.21875
.....	.....	6	8.29	$\frac{13}{64}$	.203125
.....	.....	7	7.65	$\frac{3}{16}$	.1875
.....	.....	8	7.01	$\frac{11}{64}$	.171875
.....	.....	9	6.375	$\frac{5}{32}$	.15625
5.781	$92\frac{1}{2}$	10	5.737	$\frac{9}{64}$	.140625
5.156	$82\frac{1}{2}$	11	5.1	$\frac{1}{8}$	.125
4.531	$72\frac{1}{2}$	12	4.46	$\frac{7}{64}$	.109375
3.906	$62\frac{1}{2}$	13	3.82	$\frac{3}{32}$	.09375
3.281	$52\frac{1}{2}$	14	3.19	$\frac{5}{64}$	.078125
2.969	$47\frac{1}{2}$	15	2.87	$\frac{9}{128}$	.0703125
2.656	$42\frac{1}{2}$	16	2.55	$\frac{1}{16}$	.0625
2.406	$38\frac{1}{2}$	17	2.3	$\frac{9}{160}$	.05625
2.156	$34\frac{1}{2}$	18	2.04	$\frac{1}{20}$	.05
1.906	$30\frac{1}{2}$	19	1.78	$\frac{7}{160}$	.04375
1.656	$26\frac{1}{2}$	20	1.53	$\frac{3}{80}$	.0375
1.531	$24\frac{1}{2}$	21	1.40	$\frac{11}{320}$	.034375
1.406	$22\frac{1}{2}$	22	1.275	$\frac{1}{32}$	.03125
1.281	$20\frac{1}{2}$	23	1.148	$\frac{9}{320}$	.028125
1.156	$18\frac{1}{2}$	24	1.02	$\frac{1}{40}$	.025
1.031	$16\frac{1}{2}$	25	.8925	$\frac{7}{320}$	.021875
.9062	$14\frac{1}{2}$	26	.765	$\frac{3}{160}$	.01875
.8437	$13\frac{1}{2}$	27	.70	$\frac{11}{640}$	.0171875
.7812	$12\frac{1}{2}$	28	.637	$\frac{1}{64}$	.015625
.7187	$11\frac{1}{2}$	29	.574	$\frac{9}{640}$	.0140625
.6562	$10\frac{1}{2}$	30	.51	$\frac{1}{80}$	.0125

YORK CORRUGATING COMPANY

BUNDLING TABLE OF BLACK SHEETS

Gauges	10			11			12			13			14			15			Square Feet per Sheet
Size of Sheet	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	
24x 72	67.5	2	135	60.	3	180	52.5	3	157	45.	3	135	37.5	4	150	33.75	4	135	12.
26x 72	73.13	2	146	65.	2	130	56.88	3	171	48.74	3	146	40.63	4	162	36.56	4	146	13.
28x 72	78.75	2	157	70.	2	140	61.25	2	122	52.5	3	157	43.75	3	131	39.37	4	157	14.
30x 72	84.38	2	169	75.	2	150	65.63	2	131	56.25	3	169	46.88	3	141	42.19	4	169	15.
36x 72	101.25	1	101	90.	2	180	78.75	2	157	67.5	2	135	56.25	3	169	50.63	3	152	18.
24x 84	78.75	2	157	70.	2	140	61.25	2	122	52.5	3	157	43.75	3	131	39.38	4	157	14.
26x 84	85.31	2	171	75.83	2	152	66.35	2	133	56.88	3	171	47.4	3	142	42.66	3	128	15.16
28x 84	91.88	2	184	81.67	2	163	71.46	2	143	61.25	2	122	51.04	3	153	45.94	3	138	16.33
30x 84	98.44	1	98	87.5	2	175	76.56	2	153	65.63	2	131	54.69	3	164	49.22	3	148	17.5
36x 84	118.13	1	118	105.	1	105	91.88	2	184	78.75	2	157	65.63	2	131	59.06	2	118	21.
24x 96	90.	2	180	80.	2	160	70.	2	140	60.	2	120	50.	3	150	45.	3	135	16.
26x 96	97.5	2	195	86.67	2	173	75.83	2	152	65.	2	130	54.17	3	162	47.75	3	146	17.33
28x 96	105.	1	105	93.33	2	187	81.67	2	163	70.	2	140	58.33	3	175	52.5	3	157	18.66
30x 96	112.5	1	113	100.	1	100	87.5	2	175	75.	2	150	62.5	2	125	56.25	3	169	20.
36x 96	135.	1	135	120.	1	120	105.	1	105	90.	2	180	75.	2	150	67.5	2	152	24.
24x101	94.69	1	95	84.17	2	168	73.65	2	147	63.13	2	126	52.6	3	158	47.34	3	142	16.83
26x101	102.58	1	103	91.18	2	182	79.78	2	159	68.39	2	137	57.	3	171	51.29	3	154	18.24
28x101	110.47	1	110	98.19	2	196	85.92	2	172	73.65	2	147	61.37	2	123	55.23	3	166	19.64
30x101	118.36	1	118	105.21	1	105	92.06	2	184	78.91	2	158	65.76	2	131	59.18	2	118	21.04
36x101	142.03	1	142	126.25	1	126	110.47	1	110	94.69	2	189	78.91	2	158	71.01	2	142	25.25
24x108	101.25	1	101	90.	2	180	78.75	2	157	67.5	2	135	56.25	3	169	50.63	3	152	18.
26x108	109.69	1	110	97.5	2	195	85.31	2	171	73.13	2	146	60.94	2	122	54.84	3	164	19.5
28x108	118.13	1	118	105.	1	105	91.88	2	184	78.75	2	157	65.63	2	131	59.06	3	177	21.
30x108	126.56	1	127	112.5	1	113	98.44	1	98	84.38	2	169	70.31	2	141	63.28	2	126	22.5
36x108	151.88	1	152	135.	1	135	118.13	1	118	101.25	1	101	84.38	2	169	75.94	2	152	27.
24x120	112.5	1	113	100.	1	100	87.5	2	175	75.	2	150	62.5	2	126	56.25	3	169	20.
26x120	121.88	1	122	108.83	1	108	94.79	2	198	81.25	2	162	67.71	2	135	60.94	2	122	21.66
28x120	131.25	1	131	116.67	1	117	102.08	1	102	87.5	2	175	72.92	2	146	65.63	2	131	23.33
30x120	140.63	1	141	125.	1	125	109.38	1	109	93.75	2	187	78.13	2	156	70.31	2	141	25.
36x120	168.75	1	169	150.	1	150	131.25	1	131	112.5	1	113	93.75	2	187	84.38	2	169	30.

Gauges	16			17			18			19			20			Square Feet per Sheet
Size of Sheet	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	
24x 72	30.	5	150	27.	6	162	24.	6	144	21.	7	147	18.	8	144	12.
26x 72	32.5	5	162	29.25	5	146	26.	6	156	22.75	7	159	19.5	8	156	13.
28x 72	35.	4	140	31.5	5	157	28.	5	140	24.5	6	147	21.	7	147	14.
30x 72	37.5	4	150	33.75	4	135	30.	5	150	26.25	6	157	22.5	7	157	15.
36x 72	45.	3	135	40.5	4	162	36.	4	144	35.	5	157	27.	5	135	18.
24x 84	35.	4	140	31.5	5	157	28.	5	140	24.5	6	147	21.	7	147	14.
26x 84	37.92	4	152	34.13	4	136	30.33	5	152	26.54	6	159	22.75	7	159	15.16
28x 84	40.83	4	163	36.75	4	147	32.67	5	163	28.58	5	143	24.5	6	147	16.33
30x 84	43.75	3	131	39.38	4	157	35.	4	140	30.63	5	153	26.25	6	157	17.5
36x 84	52.5	3	157	47.25	3	142	42.	4	168	36.75	4	147	31.5	5	157	21.
24x 96	40.	4	160	36.	4	144	32.	5	160	28.	5	140	24.	6	144	16.
26x 96	43.33	3	130	39.	4	156	34.67	4	139	30.33	5	152	26.	6	156	17.33
28x 96	46.67	3	140	42.	4	168	37.33	4	149	32.67	5	163	28.	5	140	18.66
30x 96	50.	3	150	45.	3	135	40.	4	160	35.	4	140	30.	5	150	20.
36x 96	60.	2	120	54.	3	162	48.	3	144	42.	4	168	36.	4	144	24.
24x101	42.08	4	168	37.88	4	151	33.67	4	135	29.46	5	147	25.25	6	151	16.83
26x101	45.59	3	137	41.03	4	164	36.47	4	146	31.92	5	160	27.25	5	137	18.24
28x101	49.09	3	147	44.19	3	132	39.28	4	157	34.37	4	137	29.46	5	147	19.64
30x101	52.6	3	158	47.34	3	142	42.08	4	168	36.83	4	147	31.56	5	158	21.04
36x101	63.13	2	126	56.81	3	170	50.5	3	151	44.19	3	132	37.88	4	151	25.25
24x108	45.	3	135	40.5	4	162	36.	4	144	31.5	5	157	27.	5	135	18.
26x108	48.75	3	146	43.88	3	132	39.	4	156	34.13	4	136	29.25	5	146	19.5
28x108	52.5	3	157	47.25	3	142	42.	4	168	36.75	4	147	31.5	5	157	21.
30x108	56.25	3	169	50.63	3	152	45.	3	135	39.38	4	157	33.75	4	135	22.5
36x108	67.5	2	135	60.75	2	121	54.	3	162	47.25	3	142	40.5	4	162	27.
24x120	50.	3	150	45.	3	135	40.	4	160	35.	4	140	30.	5	150	20.
26x120	54.17	3	162	48.75	3	146	43.33	3	130	37.92	4	152	32.5	5	162	21.66
28x120	58.33	3	175	52.5	3	157	46.67	3	140	40.83	4	163	35.	4	140	23.33
30x120	62.5	2	125	56.25	3	169	50.	3	150	43.75	3	131	37.5	4	150	25.
36x120	75.	2	150	67.5	2	135	60.	2	120	52.5	3	157	45.	3	135	30.

YORK CORRUGATING COMPANY

BUNDLING TABLE OF BLACK SHEETS (Continued)

Gauges	21			22			23			24			25			Square Feet per Sheet
Size of Sheet	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundles	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	
24x 72	16.5	9	148	15.	10	150	13.5	11	148	12.	12	144	10.51	14	147	12.
26x 72	17.88	8	143	16.25	9	146	14.63	10	146	13.	11	143	11.38	13	148	13.
28x 72	19.25	8	154	17.5	8	140	15.75	9	142	14.	11	154	12.25	12	147	14.
30x 72	20.63	7	144	18.75	8	150	16.88	9	152	15.	10	150	13.13	11	144	15.
36x 72	24.75	6	148	22.5	7	157	20.25	7	142	18.	8	144	15.75	9	142	18.
24x 84	19.25	8	154	17.5	8	140	15.75	9	142	14.	11	154	12.25	12	147	14.
26x 84	20.85	7	146	18.96	8	152	17.06	9	153	15.16	10	152	13.27	11	146	15.16
28x 84	22.46	7	157	20.42	7	143	18.37	8	147	16.33	9	147	14.29	10	143	16.33
30x 84	24.06	6	144	21.88	7	153	19.69	8	157	17.5	8	140	15.31	10	153	17.5
36x 84	28.88	5	144	26.25	6	157	23.63	6	142	21.	7	147	18.38	8	147	21.
24x 96	22.	7	154	20.	7	140	18.	8	144	16.	9	144	14.	10	140	16.
26x 96	23.83	6	143	21.67	7	152	19.5	8	156	17.33	9	156	15.17	10	152	17.33
28x 96	25.67	6	154	23.33	6	140	21.	7	147	18.67	8	149	16.33	9	147	18.66
30x 96	27.5	6	165	25.	6	150	22.5	7	157	20.	7	140	17.5	8	140	20.
36x 96	33.	5	165	30.	5	150	27.	6	162	24.	6	144	21.	7	147	24.
24x101	23.15	6	139	21.04	7	147	18.94	8	151	16.83	9	151	14.73	10	147	16.83
26x101	25.08	6	150	22.79	7	159	20.51	7	143	18.24	8	146	15.96	9	144	18.24
28x101	27.01	6	162	24.55	6	147	22.09	7	155	19.64	8	157	17.19	9	155	19.64
30x101	28.94	5	145	26.3	6	158	23.67	6	142	21.04	7	147	18.41	8	147	21.04
36x101	34.72	4	139	31.56	5	158	28.41	5	142	25.25	6	151	22.1	7	155	25.25
24x108	24.75	6	148	22.5	7	157	20.25	7	142	18.	8	144	15.75	9	142	18.
26x108	26.81	6	161	24.37	6	146	21.94	7	153	19.5	8	156	17.06	9	153	19.5
28x108	28.87	5	144	26.25	6	157	23.62	6	142	21.	7	147	18.38	8	147	21.
30x108	30.94	5	155	28.12	5	141	25.31	6	152	22.5	7	157	19.69	8	157	22.5
36x108	37.13	4	148	33.75	5	169	30.38	5	152	27.	6	162	23.63	6	142	27.
24x120	27.5	5	137	25.	6	150	22.5	7	157	20.	7	140	17.5	8	140	20.
26x120	29.79	5	149	27.08	6	162	24.37	6	146	21.67	7	152	18.96	8	152	21.66
28x120	32.08	5	160	29.17	5	146	26.25	6	157	23.33	6	140	20.42	7	143	23.33
30x120	34.37	5	137	31.25	5	156	28.12	5	141	25.	6	150	21.88	7	153	25.
36x120	41.20	4	165	37.5	4	159	33.75	5	169	30.	5	150	26.25	6	157	30.

Gauges	26			27			28			29			30			Square Feet per Sheet
Size of Sheet	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundles	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	Wt. of Sheet	No. of Sheets	Wt. of Bundle	
24x 72	9.	16	144	8.25	18	143	7.5	20	150	6.75	22	148	6.	25	150	12.
26x 72	9.75	15	146	8.94	16	143	8.13	18	146	7.31	20	146	6.5	23	149	13.
28x 72	10.5	14	147	9.63	16	154	8.75	17	149	7.88	19	150	7.	21	147	14.
30x 72	11.25	13	146	10.31	14	144	9.38	16	150	8.44	18	152	7.5	20	150	15.
36x 72	13.5	11	148	12.38	12	148	11.25	13	146	10.13	15	152	9.	16	144	18.
24x 84	10.5	14	147	9.63	15	144	8.75	17	149	7.88	19	150	7.	21	147	14.
26x 84	11.38	13	148	10.43	14	146	9.48	16	152	8.53	17	145	7.58	19	144	15.16
28x 84	12.25	12	147	11.23	13	146	10.21	14	143	9.19	16	147	8.17	19	155	16.33
30x 84	13.13	11	144	12.03	12	144	10.94	14	153	9.84	15	148	8.75	17	149	17.5
36x 84	15.75	9	142	14.44	10	144	13.13	11	144	11.81	13	153	10.5	14	147	21.
24x 96	12.	12	144	11.	13	143	10.	15	150	9.	16	144	8.	18	144	16.
26x 96	13.	11	143	11.92	12	143	10.83	14	152	9.75	15	146	8.67	17	147	17.33
28x 96	14.	11	154	12.83	12	154	11.67	13	152	10.5	14	147	9.33	16	149	18.66
30x 96	15.	10	150	13.75	11	151	12.5	12	150	11.25	13	146	10.	15	150	20.
36x 96	18.	8	144	16.5	9	148	15.	10	150	13.5	11	148	12.	12	144	24.
24x101	12.63	12	151	11.57	12	139	10.52	14	147	9.47	16	151	8.42	18	151	16.83
26x101	13.68	11	150	12.54	12	150	11.4	13	148	10.26	14	144	9.12	16	146	18.24
28x101	14.73	10	147	13.5	11	148	12.27	12	147	11.05	13	144	9.82	15	147	19.64
30x101	15.78	9	142	14.47	10	145	13.15	11	145	11.84	12	142	10.52	14	147	21.04
36x101	18.94	8	151	17.36	9	156	15.78	9	142	14.2	10	142	12.62	12	151	25.25
24x108	13.5	11	148	12.38	12	148	11.25	13	146	10.13	15	152	9.	17	153	18.
26x108	14.63	10	146	13.41	11	147	12.19	12	146	10.97	14	153	9.75	15	146	19.5
28x108	15.75	9	142	14.44	10	144	13.13	11	144	11.81	13	153	10.5	15	157	21.
30x108	16.88	9	152	15.47	10	155	14.06	11	155	12.66	12	152	11.25	13	146	22.5
36x108	20.25	7	142	18.56	8	148	16.88	9	152	15.19	10	152	13.5	11	148	27.
24x120	15.	10	150	13.75	11	151	12.5	12	150	11.25	13	146	10.	15	150	20.
26x120	16.25	9	146	14.9	10	149	13.54	11	149	12.19	12	146	10.83	14	152	21.66
28x120	17.5	8	140	16.04	9	144	14.58	10	146	13.13	11	144	11.67	14	163	23.33
30x120	18.75	8	150	17.19	9	155	15.63	10	156	14.06	11	155	12.5	12	150	25.
36x120	22.5	7	157	20.63	8	165	18.75	8	150	16.88	9	152	15.	10	150	30.

Standard Differentials and Extras

Galvanized Sheets and Long Terne Sheets

Gauge	Price per 100 lbs.	Gauge	Price per 100 lbs.
30 Add.....	\$.50	22-24 Deduct.....	\$.45
29 Add.....	.25	17-21 Deduct.....	.60
28 (Carload quantities).....	Base	15-16 Deduct.....	.75
27 Deduct.....	.15	12-14 Deduct.....	.90
25-26 Deduct.....	.30	10-11 Deduct.....	1.00

STANDARD SIZES

No. 30 and heavier in even gauges.

Widths: 24, 26, 28, 30 and 36 inches.

Lengths: 72, 84, 96 and 120 inches.

Note—On all sizes other than standard, when specified in quantities of less than 4,000 lbs. to the item, prices will be quoted on application.

EXTRAS FOR WIDTH

Gauge	Width	Extra Per 100 lbs.	Gauge	Width	Extra Per 100 lbs.
15 Ga. and Heavier.....	24" to 40".....	Base	19 to 21 Ga.....	Under 12" to 6".....	\$.30
15 Ga. and Heavier.....	Over 40" to 44".....	\$.10	22 to 24 Ga.....	24" to 36".....	Base
15 Ga. and Heavier.....	Over 44" to 48".....	.20	22 to 24 Ga.....	Over 36" to 40".....	.20
15 Ga. and Heavier.....	Over 48" to 52".....	.30	22 to 24 Ga.....	Over 40" to 44".....	.40
15 Ga. and Heavier.....	Over 52" to 54".....	.40	22 to 24 Ga.....	Over 44" to 48".....	.60
15 Ga. and Heavier.....	Under 24" to 12".....	.20	22 to 24 Ga.....	Under 24" to 12".....	.20
15 Ga. and Heavier.....	Under 12" to 6".....	.25	22 to 24 Ga.....	Under 12" to 6".....	.30
16 Ga.....	24" to 36".....	Base	25 and 26 Ga.....	24" to 36".....	Base
16 Ga.....	Over 36" to 44".....	.10	25 and 26 Ga.....	Over 36" to 40".....	.30
16 Ga.....	Over 44" to 48".....	.20	25 and 26 Ga.....	Over 40" to 44".....	.60
16 Ga.....	Over 48" to 52".....	.35	25 and 26 Ga.....	Under 24" to 12".....	.25
16 Ga.....	Over 52" to 54".....	.50	25 and 26 Ga.....	Under 12" to 6".....	.35
16 Ga.....	Under 24" to 12".....	.20	27 Ga.....	24" to 32".....	Base
16 Ga.....	Under 12" to 6".....	.25	27 Ga.....	Over 32" to 36".....	.10
17 and 18 Ga.....	24" to 36".....	Base	27 Ga.....	Over 36" to 40".....	.50
17 and 18 Ga.....	Over 36" to 44".....	.10	27 Ga.....	Over 40" to 44".....	.75
17 and 18 Ga.....	Over 44" to 48".....	.20	27 Ga.....	Under 24" to 12".....	.25
17 and 18 Ga.....	Over 48" to 52".....	.35	27 Ga.....	Under 12" to 6".....	.35
17 and 18 Ga.....	Over 52" to 54".....	.50	28 Ga.....	24" to 32".....	Base
17 and 18 Ga.....	Under 24" to 12".....	.20	28 Ga.....	Over 32" to 36".....	.20
17 and 18 Ga.....	Under 12" to 6".....	.30	28 Ga.....	Over 36" to 40".....	.60
19 to 21 Ga.....	24" to 36".....	Base	28 Ga.....	Under 24" to 12".....	.25
19 to 21 Ga.....	Over 36" to 40".....	.20	28 Ga.....	Under 12" to 6".....	.35
19 to 21 Ga.....	Over 40" to 44".....	.30	29 and 30 Ga.....	24" to 32".....	Base
19 to 21 Ga.....	Over 44" to 48".....	.40	29 and 30 Ga.....	Over 32" to 36".....	.20
19 to 21 Ga.....	Over 48" to 52".....	.50	29 and 30 Ga.....	Under 24" to 12".....	.25
19 to 21 Ga.....	Over 52" to 54".....	.75	29 and 30 Ga.....	Under 12" to 6".....	.35
19 to 21 Ga.....	Under 24" to 12".....	.20			

EXTRAS FOR LENGTH

Gauge	Width	Extra Per 100 lbs.	Gauge	Width	Extra Per 100 lbs.
10 to 12 Ga.....	60" to 144".....	Base	15 and 16 Ga.....	60" to 144".....	Base
10 to 12 Ga.....	Over 144" to 168".....	\$.50	15 and 16 Ga.....	Over 144" to 168".....	\$.50
10 to 12 Ga.....	Over 168" to 192".....	.60	15 and 16 Ga.....	Over 168" to 180".....	.75
10 to 12 Ga.....	Over 192" to 216".....	.75	15 and 16 Ga.....	Under 60" to 30".....	.10
10 to 12 Ga.....	Over 216" to 228".....	1.00	15 and 16 Ga.....	Under 30" to 18".....	.20
10 to 12 Ga.....	Under 60" to 30".....	.10	17 to 24 Ga.....	60" to 124".....	Base
10 to 12 Ga.....	Under 30" to 18".....	.20	17 to 24 Ga.....	Over 124" to 144".....	.10
13 and 14 Ga.....	60" to 144".....	Base	17 to 24 Ga.....	Under 60" to 30".....	.20
13 and 14 Ga.....	Over 144" to 168".....	.50	17 to 24 Ga.....	Under 30" to 18".....	.30
13 and 14 Ga.....	Over 168" to 192".....	.75	25 to 30 Ga.....	60" to 124".....	Base
13 and 14 Ga.....	Over 192" to 216".....	1.00	25 to 30 Ga.....	Over 124" to 144".....	.10
13 and 14 Ga.....	Over 216" to 228".....	1.50	25 to 30 Ga.....	Under 60" to 30".....	.25
13 and 14 Ga.....	Under 60" to 30".....	.10	25 to 30 Ga.....	Under 30" to 18".....	.35
13 and 14 Ga.....	Under 30" to 18".....	.20			

Standard Differentials and Extras

One Pass Cold Rolled Black Sheets

Gauge	Price per 100 lbs.	Gauge	Price per 100 lbs.
30 Add.....	\$.20	22-24 Deduct.....	\$.15
29 Add.....	.10	17-21 Deduct.....	.20
28 (Carload quantities).....	Base	15-16 Deduct.....	.25
27 Deduct.....	.05	13-14 Deduct.....	.30
25-26 Deduct.....	.10	10-12 Deduct.....	.35

STANDARD SIZES

No. 25 and heavier in even gauges.

Nos. 26 to 30

Widths: 24, 26, 28, 30 and 36 inches.

Lengths: 72, 84, 96 and 120 inches. Also, 24 x 101 for stove pipe manufacture.

Note—On all sizes other than standard, when specified in quantities of less than 4,000 lbs. to the item, prices will be quoted on application.

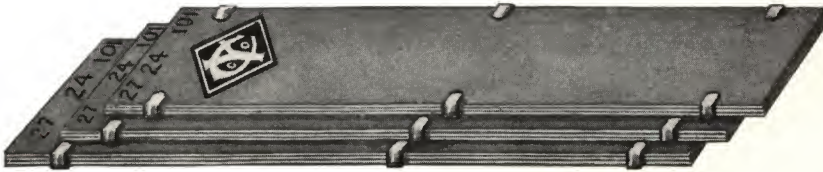
EXTRAS FOR WIDTH

Gauge	Extra Per Width 100 lbs.	Gauge	Extra Per Width 100 lbs.
16 Ga. and Heavier... 24" and wider...	Base	22 to 24 Ga..... Under 12" to 6"...	\$.25
16 Ga. and Heavier... Under 24" to 12"...	\$.10	25 to 27 Ga..... 24" to 36"...	Base
16 Ga. and Heavier... Under 12" to 6"...	.20	25 to 27 Ga..... Over 36" to 40"...	.20
17 to 18 Ga..... 24" to 36"...	Base	25 to 27 Ga..... Over 40" to 44"...	.40
17 to 18 Ga..... Over 36" to 48"...	.05	25 to 27 Ga..... Under 24" to 12"...	.20
17 to 18 Ga..... Under 24" to 12"...	.15	25 to 27 Ga..... Under 12" to 6"...	.30
17 to 18 Ga..... Under 12" to 6"...	.25	28 Ga..... 24" to 32"...	Base
19 to 21 Ga..... 24" to 36"...	Base	28 Ga..... Over 32" to 36"...	.10
19 to 21 Ga..... Over 36" to 44"...	.15	28 Ga..... Over 36" to 40"...	.40
19 to 21 Ga..... Over 44" to 48"...	.25	28 Ga..... Under 24" to 12"...	.20
19 to 21 Ga..... Under 24" to 12"...	.15	28 Ga..... Under 12" to 6"...	.30
19 to 21 Ga..... Under 12" to 6"...	.25	29 to 30 Ga..... 24" to 32"...	Base
22 to 24 Ga..... 24" to 36"...	Base	29 to 30 Ga..... Over 32" to 36"...	.10
22 to 24 Ga..... Over 36" to 40"...	.20	29 to 30 Ga..... Under 24" to 12"...	.20
22 to 24 Ga..... Over 40" to 48"...	.40	29 to 30 Ga..... Under 12" to 6"...	.30
22 to 24 Ga..... Under 24" to 12"...	.15		

EXTRAS FOR LENGTH

Gauge	Extra Per Width 100 lbs.	Gauge	Extra Per Width 100 lbs.
16 Ga. and Heavier... 60" to 144"...	Base	19 to 21 Ga..... Under 30" to 18"...	\$.25
16 Ga. and Heavier... Under 60" to 30"...	\$.10	22 to 24 Ga..... 60" to 124"...	Base
16 Ga. and Heavier... Under 30" to 18"...	.15	22 to 24 Ga..... Over 124" to 144"...	.10
17 to 18 Ga..... 60" to 124"...	Base	22 to 24 Ga..... Under 60" to 30"...	.15
17 to 18 Ga..... Over 124" to 144"...	.10	22 to 24 Ga..... Under 30" to 18"...	.25
17 to 18 Ga..... Under 60" to 30"...	.15	25 Ga. and Lighter... 60" to 124"...	Base
17 to 18 Ga..... Under 30" to 18"...	.25	25 Ga. and Lighter... Over 124" to 144"...	.10
19 to 21 Ga..... 60" to 124"...	Base	25 Ga. and Lighter... Under 60" to 30"...	.20
19 to 21 Ga..... Over 124" to 144"...	.10	25 Ga. and Lighter... Under 30" to 18"...	.30
19 to 21 Ga..... Under 60" to 30"...	.15		

Black Sheets



Our large warehouse enables us to carry a fine assortment of sizes in 16 to 28 gauges of 24, 26, 28, 30 and 36 inches wide by 96 inches long, and 24 x 101 inches in 24, 26, 27 and 28 gauges.

One Pass Cold Rolled, Box Annealed Sheets

Our Cold Rolled Steel Sheets are soft, smooth and clean, and will double seam under all ordinary circumstances.

Follansbee Blue

and

Banner Smooth Sheets, Even Color Hammered Open Hearth Sheets.

We also carry a stock of Follansbee Polished Iron.

Auto Sheets

We carry a large stock of Auto Sheets in different grades.

Write for grades and sizes.

Sheet Copper

Polishing

Over Price for Cold Rolled Copper

	48 in. and less	Over 48 in. to 96 ft.
10 inches wide and under	\$.06 per sq. ft.	\$.07 per sq. ft.
Over 10 inches to 36 inches inc. . . . .	.05 per sq. ft.	.06 per sq. ft.
Over 36 inches . . . . .	.08 per sq. ft.	.09 per sq. ft.

Double the above prices if polished on both sides.

Over 96 inch lengths. **Special Prices**

Tinning

	96 in. and less	Over 96 in.
20 inches wide and under	\$.06 per sq. ft.	\$.07 per sq. ft.
Over 20 inches to 48 inches inc. . . . .	.07 per sq. ft.	.08 per sq. ft.
Over 48 inches . . . . .	.08 per sq. ft.	.09 per sq. ft.

Double the above prices if tinned on both sides.

For tinning the edges of sheets one or both sides price shall be the same as for tinning all of one side of the specified sheet.

For tinning circles and pattern sheets, the prices per square foot are based upon the square of the circle or the sheet from which the piece is cut.

Cold Rolling

	Sheets	Circles
14 oz. per sq. ft. and heavier	\$.03 lb.	\$.04½ lb.
Lighter than 14 oz. . . . .	.06 lb.	.08 lb.

Cold Rolled Tinned Sheets and Circles one-half cent pound extra over above prices.

Cold Rolled and Annealed Copper Sheets and Circles take same price as Cold Rolled or Hard Copper of corresponding dimensions and thickness.

Special Prepared Copper **Prices upon application**

Sheet Copper

Extras for Hot Rolled Sheet Copper over Base Price

Prices are for 100 pounds per Item in One Order

Base Price (Hot Rolled) Cents per Pound Date

SIZE OF SHEETS		Inc. 64 oz. .0864"	Inc. 48 oz. .0648"	Inc. 32 oz. .0432"	Inc. 24 oz. .0324"	Inc. 20 oz. .027"	Inc. 18 oz. .0243"	Inc. 16 oz. .0216"	15 oz. .02037"	14 oz. .0189"	13 oz. .0176"	12 oz. .0162"	11 oz. .0149"	10 oz. .0135"	9 oz. .0122"	8 oz. .0108"	Lght'r than 8 oz. .0108"
Lengths		Cents per Pound over Base Price															
Widths	Inc. 6 ins. not longer than 24 ins. Longer than 24 ins. not longer than 60 ins. Longer than 60 ins. not longer than 96 ins. Longer than 96 ins. not longer than 120 ins. Longer than 120 ins. not longer than 200 ins. Not longer than 24 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
		Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
Inc. 6 ins. not wider than 10 ins.	Longer than 24 ins. not longer than 60 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 60 ins. not longer than 96 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 96 ins. not longer than 120 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 120 ins. not longer than 200 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Not longer than 24 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
Wider than 10 ins. not wider than 20 ins.	Longer than 24 ins. not longer than 60 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 60 ins. not longer than 96 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 96 ins. not longer than 120 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 120 ins. not longer than 200 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Not longer than 60 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
Wider than 20 ins. not wider than 28 ins.	Longer than 60 ins. not longer than 96 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 96 ins. not longer than 120 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 120 ins. not longer than 200 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Not longer than 60 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base
	Longer than 60 ins. not longer than 96 ins.	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base	Base

Prices Quoted Upon Application

Sheet Copper—Continued

[illegible]

The longest dimension of any sheet shall be considered its length.

Sheets over ½ in. Thick, or over 200 in. long.....Special Prices.

Rolling to an exact given thickness is not practicable.
accepted as a good delivery.

Contracts made with us are not to be interpreted as including the entire range of sizes covered by this list, some of which we do not make except under special agreement. Prices subject to change without notice and all contracts or agreement contingent upon occurrences beyond our control. On orders aggregating less than 100 pounds, where case or better is necessary, charge will be made, at our discretion, to cover cost of same.

Table of Sheet Copper Gauges

Thickness Inches	English Stbs.	American B-S	Lbs. per Sq. Ft.	Ozs. per Sq. Ft.	30x60 Lbs. per Sht.	30x96 Lbs. per Sht.	36x96 Lbs. per Sht.
1/4	.300	1	13.80	221	173	276	332
	.289	..	13.29	213	166	266	320
	.284	2	13.06	209	163	261	314
	.259	3	11.91	191	140	238	287
	.258	..	11.67	190	149	237	285
	.238	4	10.95	175	137	219	263
1/5	.229	..	10.53	168	131	211	252
	.220	5	10.12	162	127	202	243
	.204	..	9.38	150	117	188	225
	.203	6	9.34	149	117	187	224
	.182	..	8.37	134	105	167	200
	.180	7	8.28	132	104	166	198
1/6	.165	8	7.60	121	95	152	182
	.162	..	7.45	119	93	149	179
	.148	9	6.81	109	85	136	164
	.144	..	6.62	106	83	132	159
	.134	10	6.16	99	77	123	149
	.128	..	5.83	94	74	118	141
1/8	.120	11	5.52	88	69	110	132
	.114	..	5.24	84	66	105	126
	.109	12	5.01	80	63	100	120
	.102	..	4.69	75	53	94	113
	.095	13	4.37	70	55	87	105
	.091	..	4.19	67	52	84	101
1/12	.083	14	3.82	61	48	76	92
	.081	..	3.73	60	47	75	90
	.072	15	3.31	53	41	66	80
	.065	16	2.99	48	37	60	72
	.064	..	2.95	47	37	59	71
	.058	17	2.67	43	33	53	65
1/16	.057	..	2.62	42	33	52	63
	.051	..	2.35	38	29	47	57
	.049	18	2.25	36	28	45	54
	.045	..	2.07	33	26	41	51
	.042	19	1.93	31	24	39	48
	.040	..	1.84	29	23	37	45
1/32	.036	..	1.66	27	21	33	42
	.035	20	1.61	26	20	32	39
	.032	21	1.47	24	18	29	36
	.028	22	1.29	21	16	26	33
	.025	23	1.15	18	14	23	27
	.023	..	1.06	17	13	21	26
1/64	.022	24	1.00	16	12.5	20	24
	.020	25	.92	15	11.5	18	22.5
	.018	26	.83	13	10.3	16.6	19.5
	.016	27	.74	12	9.2	14.8	18
	.014	28	.64	10	8	12.8	15.4
	.013	29	.60	9.5	7.5	12	14.4
1/128	.012	30	.55	9	6.8	11	13.5
	.011	..	.51	8	6.3	10.2	12
	.010	31	.46	7	5.7	9.2	11
	.009	32	.41	7	5	8.2	9.8
	.008	33	.37	6	4.6	7.4	9
	.007	34	.32	5	4	6.4	7.5
1/256	.006	..	.28	4	3.5	5.6	6.7....
	.005	35	.23	4	2.8	4.6	5.5
	.0045	..	.21	3	2.6	4.2	5
	.004	36	.13	2.88	2.2	3.6	4.26
	.0035	..	.16	2.56	2.1	3.2	3.84
	.003	..	.14	2.24	1.7	2.8	3.36

Continuous Roll Copper

Used for Flashing, Valleys and Roofing purposes. 14 and 16 oz. Soft and Cold Rolled. 14 inches wide, 20 inches wide. Approximately 50 feet long.

Sheet Zinc

APPROXIMATE WEIGHT OF SHEET ZINC

Zinc Numbers	Weight per Square Foot	Thickness in decimals of an inch	American or U. S. Gauge	Average weight per Sheet 36x84 in., lbs.
5	.37	.010($\frac{1}{100}$)	32	7.77
6	.45	.012	30	9.45
7	.52	.014	29	10.92
8	.60	.016	28	12.90
9	.67	.018	26	14.32
10	.75	.020($\frac{1}{50}$)	25	17.16
11	.90	.024	24	20.00
12	1.05	.028	23	22.84
13	1.20	.032	22	25.20
14	1.35	.036	21	28.52
15	1.50	.040($\frac{1}{25}$)	20	31.50
16	1.68	.045	19	35.27
17	1.87	.050	18	39.27
18	2.06	.055	17	45.55
19	2.25	.060($\frac{1}{17}$)	16	47.25
20	2.62	.070	15	55.02
21	3.00	.080	14	63.00
22	3.37	.090	13	70.77
23	3.75	.100($\frac{1}{10}$)	12	78.75
24	4.70	.125($\frac{1}{8}$)	11	98.70
25	9.40	.250($\frac{1}{4}$)	3	197.40
26	14.10	.375($\frac{3}{8}$)	000	296.10
27	18.80	.500	0000000	.....
28	37.60	1.000	.....	.....

Standard Sizes Carried in Stock.

The Metal of 100 Uses

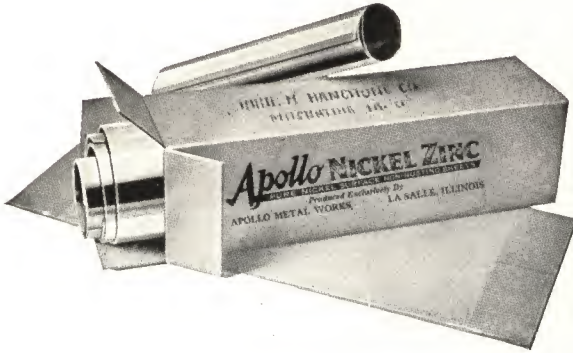


Table Tops
Shelf Covering
Stove Boards
Heat Deflectors
Light Reflectors
Sink Drain Board
Sink Drain Back
Dish Drainer
Stair Edging
Stair Scuff Plates
Rail Covering
Pastry Boards
Flour Bin Lining
Mail Boxes
Bath Tub Lining

Weather Vanes
Metal Signs and Letters
Shower Bath Lining
Covering for Meat Market, Grocery and
Delicatessen Counters
Stove Pipe Radiators
Stove Pipe Collars
Ice Cream Molds
Stove Trays
Foot Tubs
Scale Scoops
Canopies
Marquise Work
Water Coolers
—and hundreds of others

As the name indicates *Apollo* Nickel Zinc is a combination of nickel and zinc. By the *Apollo* Electrolytic Process the maximum amount of nickel is so fused or bonded to a sheet of pure zinc that it is impossible to separate them.

Apollo Nickel Zinc can be drawn, bent, hammered and formed without peeling, checking or cracking. A dry cloth will remove finger prints or dirt caused by handling—instantly restoring the deep, satiny, lustrous finish.

For convenience the sheets are made standard in the following sizes of No. 9 gauge (.018 inch) *Apollo* Nickel Zinc:

32 in. x 54 in. weighs 8 lbs. per sheet
30 in. x 96 in. weighs 13½ lbs. per sheet
36 in. x 84 in. weighs 14 lbs. per sheet
36 in. x 96 in. weighs 16 lbs. per sheet

Other gauges and sheet sizes can also be supplied.

The genuine *Apollo* Nickel Zinc is ductile, pliable and easily worked—only the simplest tools are necessary. The first cost is the only cost—it is highly durable—and the first cost is lower than that of most other sheet metals.

Chas Russell
1 pc for suit - 2 4'x56"

Asphalt Roofing

Slatekote

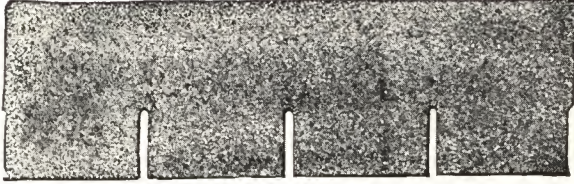
Slate surfaced roofing can be furnished in colors of red, green or blue-black.

Every roll is 32 inches wide and 40½ feet long, containing 108 square feet of material, which is sufficient to cover 100 square feet of surface, or one square.

Each roll weighs
approximately 85 lbs.



Strip Shingles



Strip shingles can be furnished in colors of red, green or blue-black.

The standard strip shingle is 10 inches wide and 32 inches long, weighing about 195 lbs. per 100 square feet.

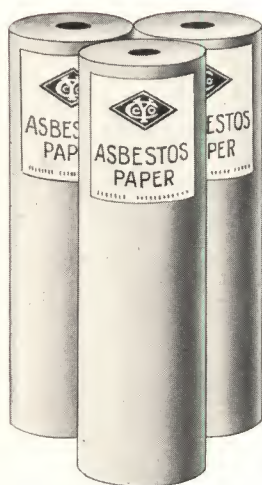
They are packed in bundles of 56 strips each and two bundles, 112 shingles, furnishing enough material to cover 100 square feet.

We can also furnish a strip shingle $12\frac{1}{2}$ inches wide and 32 inches long, weighing about 240 lbs. per 100 square feet.

Wall Boards and Building Papers

1. Slater's Tarred Felt, 30 lbs., 500 sq. ft. per roll.....
2. Insulating Paper (Black)
 - Medium-weight about 20 lbs. per roll, 500 sq. ft. per roll.....
 - Heavy-weight about 35 lbs. per roll, 500 sq. ft. per roll.....
 - Extra heavy-weight about 45 lbs. per roll, 500 sq. ft. per roll.....
- No. 30 Insulating, weight about 30 lbs. per roll, 500 sq. ft. per roll.....
- No. 45 Insulating, weight about 45 lbs. per roll, 500 sq. ft. per roll.....
3. Rosin Sized Sheathing
 - No. 20 about 20 lbs. per roll, 500 sq. ft. per ton
 - No. 25 about 25 lbs. per roll, 500 sq. ft. per ton
 - No. 30 about 30 lbs. per roll, 500 sq. ft. per ton
 - No. 35 about 35 lbs. per roll, 500 sq. ft. per ton
 - No. 40 about 40 lbs. per roll, 500 sq. ft. per ton

Asbestos Paper and Boiler Covering



This Sheathing is manufactured from a mineral fibre, possessing the highest fire proof and non-conducting qualities, rendering it a valuable protection against fire and is extensively used for covering heat pipes.

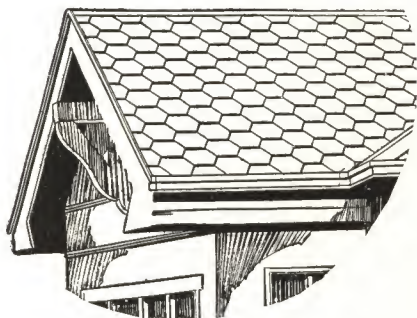
Furnished in rolls 36 inches wide, graded 10, 12, 14 and 16 lbs. per 100 square feet, and $\frac{1}{16}$ inch thick in rolls of 50 and 100 lbs. each.

Price per 100 lbs. net, \$.....

Asbestos Boiler Covering is inexpensive for covering Boilers.

Price per 100 lbs. net, \$.....

Cyclone Shingles



Note the deep tile-like shadow and pleasing hexagonal design.

This new shingle represents the most amazing advance in roofing products ever developed. It combines advantages and features never before thought possible to combine in a strip type.

It is, first of all, a real roof from the standpoint of protection, beauty and long life. In addition to this, it has features that give greater emphasis to its protective qualities; that make it more permanent; and that make it the most economical roof obtainable.

Consider These Features

Locked. Each Cyclone Shingle is locked by two locks; cannot cup, curl or blow up.

Long Head Lap. 6-7/10 inch head lap gives greatest protection as compared to 2 inch to 4 $\frac{3}{4}$ inch head lap of other strip shingles.

Two, three and four inches thick: The unusually large size (19.1 in. x 32 in.) provides double thickness at all points with a large area having three and four thicknesses.

Economy. The *Cyclone* Shingle is the fastest laid and most economical shingle in the world. Only 72 to the square requiring 216 nails as compared to 112 shingles and 560 nails needed for other strip shingles. Proved saving of 25 cents per square in laying.

INDIVIDUAL SHINGLES AND SMOOTH SURFACED
ROOFING ALWAYS CARRIED IN STOCK

Barthel Gasoline Torches



A powerful torch with an enormous, intense, blue flame; double-service pump; a burner that can not get out of order.

BECAUSE

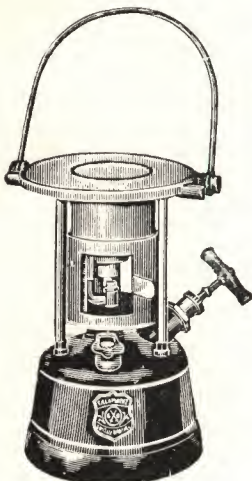
1. The extra-length vaporizing chamber thoroughly vaporizes the fuel.
2. The nozzle and needle valve are on separate lines; there is no possibility of jamming the valve into the nozzle when shutting off the torch. A steady flame *always*.
3. The scientific wind-shield is so arranged that *no wind can blow out the Barthel Flame*.

Built to withstand the roughest use of Electric and Gas Light, Railroad, and Telephone mechanics.

For soldering, brazing, bending, expanding, heating tools, wherever a powerful and quick heat is required.

Adopted as standard equipment by the largest users in the United States.

Barthel Fire Pots



For melting Lead, Babbit, Tin; for heating Soldering Irons and Tools for bending Pipe.

Used extensively by Electric and Gas Light, Power, Traction, Telephone, Telegraph and Railroad Companies.

For hard service and rough usage with extra size powerful pump.

No Coils. Same type burner as on the Famous Barthel torch. Same reliability. Will not blow out in the strongest wind.

Seamless Steel Tanks drawn in one piece, finished by auto-genous welding process. *Cannot rust.* Will stand any inner surplus pressure, *practically indestructible.*

Can be carried around while in operation.

A Guaranteed No-Trouble Furnace, standardized wherever *Quality and Service* are demanded.

No. 1	1½ quarts
No. 2	2½ quarts
No. 3	4 quarts

Diener Fire Pots

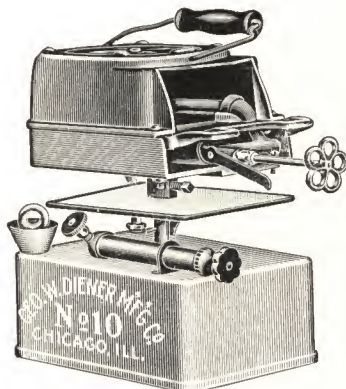
Square Tank

Capacity of Tank, 1 gallon.

Height, 12 inches.

Weight, 16½ lbs.

Weight, boxed, 23 lbs.



No. 10

For Gasoline

Especially constructed for roofing and gutter work as the rectangular tank can be set in gutter or on roof without danger of upsetting.

Specifications

CONSTRUCTION—Tank is drawn seamless, of 20 gauge steel, tinned inside and outside. Has a powerful brass air pump, cast metal hood with opening for melting pot. Is noiseless, odorless and smokeless in operation, convenient and economical, using 25 to 40 percent less fuel than any other furnace offered for like use now on the market. Has greatest range in heating, namely, 3 to 12 pound coppers, indoors or on a roof, in cold and windy weather.

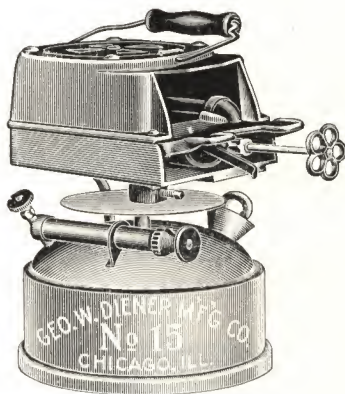
Round Tank

Capacity of Tank, 1 gallon.

Height, 12 inches.

Weight, 16½ lbs.

Weight, boxed, 23 lbs.



No. 15

For Gasoline

Its popular reputation as the best Tinner's Furnace of this type made is a just tribute to No. 15.

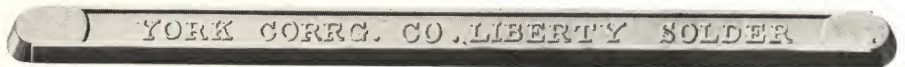
Specifications

CONSTRUCTION—Tank is drawn seamless, of 20 gauge steel, tinned inside and outside. Has a powerful brass air pump, cast metal hood with opening for melting pot. Is noiseless, odorless and smokeless in operation, convenient and economical, using 25 to 40 per cent less fuel than any other furnace offered for like use now on the market. Has greatest range in heating, namely, 2 to 12 pound coppers, indoors or on a roof, in cold and windy weather.

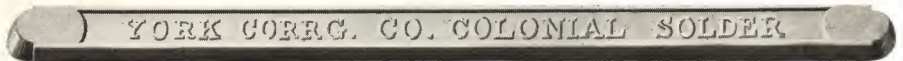
Solder

We handle two grades of solder and take great care that each grade is always up to its proper standard.

Prices revised with the latest metal quotations.



This is our finest brand and is guaranteed to give entire satisfaction. Composed entirely of new metals.



The Colonial brand is acknowledged by the trade to be a fine solder and to meet all ordinary requirements.

Wire Solder in spools weighing about 25 lbs.

Wiping Solder in 25 lb. blocks.

Soldering Paste

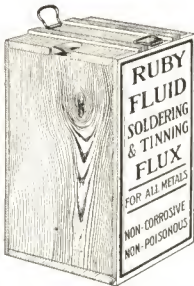
Nokorode



Is a good preparation for soldering Tin, Copper, Brass, Iron and all Metals. Is very convenient and free from disagreeable fumes.

Put up in 2 oz., 1 lb., 10 lb., 25 lb. and 50 lb. cans.

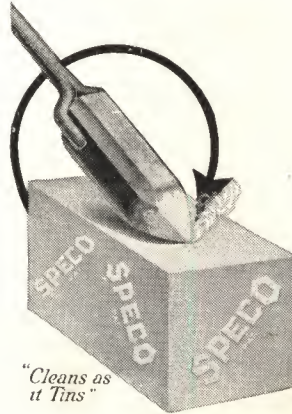
Ruby Soldering Fluid



Warranted to excel all other preparations for soldering all kinds of metals.

It leaves the metal bright and clean. It causes the solder to flow evenly, and is unexcelled for tinning.

Speco Salamoniac



For tinning, soldering copper. Put up in cakes of 1 lb. each.

Hoop Iron—Galvanized

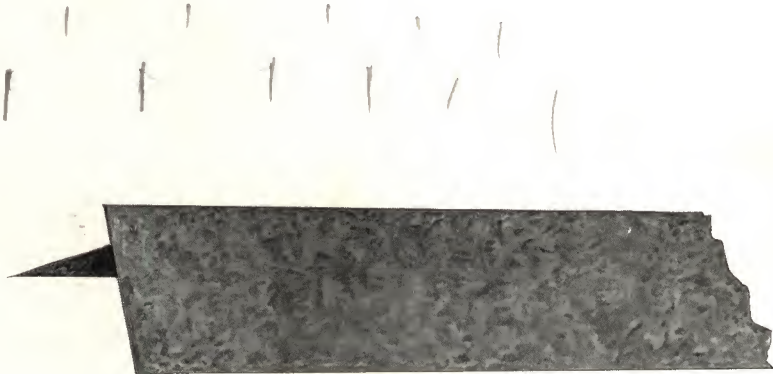


Sizes $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inches. Gauges 18 and 20. In coils of about 35 to 40 pounds. Lowest market prices.

Standard Wall Ties



The construction of this tie is such that each crimp furnishes a complete resisting strain in every direction. Ties are manufactured from twenty-two gauge steel and heavier galvanized to insure durability. (Size 1 in. by $5\frac{3}{4}$ in.)



Eaves Strip

For use at edge of roof; used extensively by Slag Roofers.

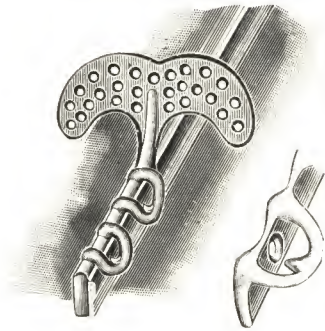
Berger's Standing-Seam Roof Snow Irons

Patented October 31, 1893

Designed to dispense with snow rails or gutters formed on the roof to prevent snow sliding. They clamp fast to the roof by clinching the lugs through the standing seam.

Made of the best Malleable Iron.

	Black	Price per 100 Galvanized
No. 1 for standing seam.....	\$15.75	\$19.50
Discount.....	per cent	

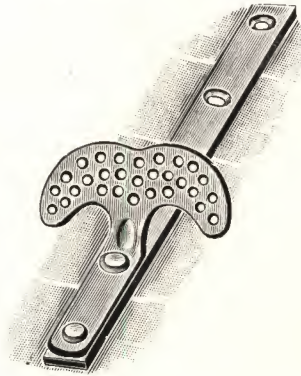


Berger's Slate Roof Snow Irons

The No. 2 is riveted on $\frac{3}{16}$ x 1 inch iron plates, 12 inches long, to go 8 inches under the slate.

It is very ornamental on a roof and must be seen to be fully appreciated.

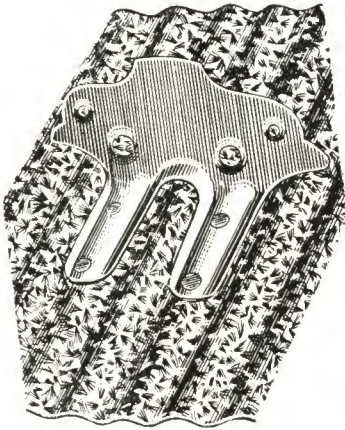
	Black	Price per 100 Galvanized
No. 2, for slate roof, complete.....	\$23.10	\$30.60
Discount.....	per cent.	



Danzer Corrugated Brake

This Cut shows our Brake for Corrugated roofing which fits $1\frac{1}{4}$ in. or $2\frac{1}{2}$ in. corrugation. It is made of No. 16 steel and galvanized after making. It is applied either by riveting to roof or by nailing through the roof to sheathing. It fits on top of the corrugation and will not leak.

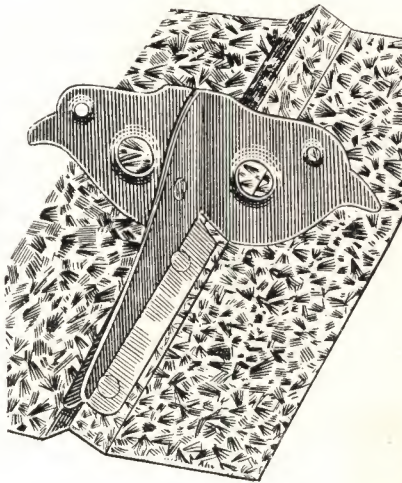
Price.....	\$.25 each
Discount.....	

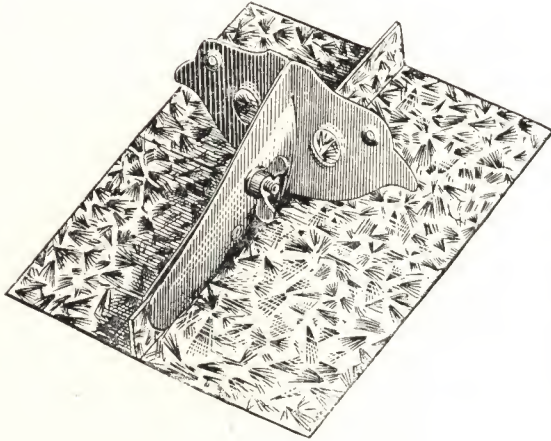


Danzer V Crimped Brake

This cut shows our Brake for V Crimped roofing which fits on the V crimp and is nailed on the same as the roof is applied. There is absolutely no danger of leakage with this Brake. It is nailed through the roof sticks into the sheathing underneath.

Price.....	\$.30 each
Discount.....	





Danzer Standing Seam Brake

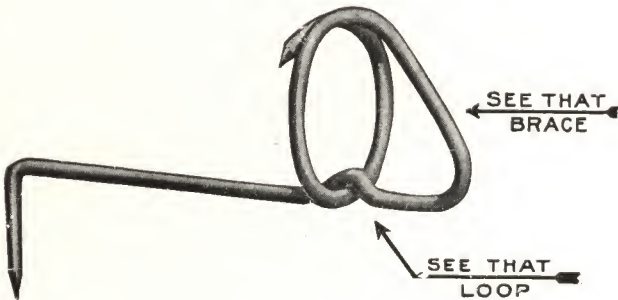
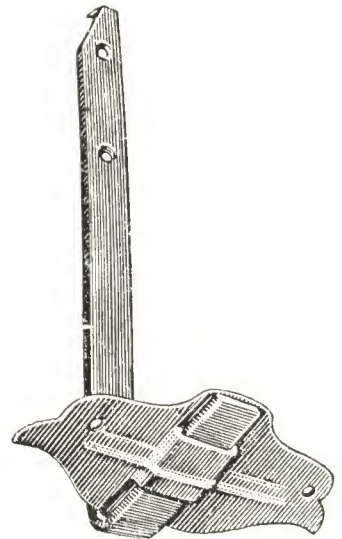
This cut shows our Standing Seam Brake and is one of our latest inventions. It is so easily applied that the only thing needed to put them on is the fingers. They clamp on the Standing Seam of tin or galvanized roofing by a specially designed lock and wing nut bolt and can be applied by drawing bolt up tight.

Price.....\$.30 each
Discount.....

Danzer Slate Brake

The cut shows our galvanized Snow Brake for slate. The hook part is made of the best $\frac{3}{16}$ x 1 steel, cold formed, and the brake is stamped from No. 16 sheet steel and all then galvanized by the best known process of hot galvanizing.

Price.....\$.45 each
Discount.....



Danzer's "Loop-the-Loop" Wire Snow Guards

*Made in Galvanized,
Copper or Brass*

As specialists on Snow Guards we make these just a little better and stronger than any others.

Packed one hundred in a box. Price—Galvanized, \$50.00 per thousand.
Price—Copper, \$100.00 per thousand.

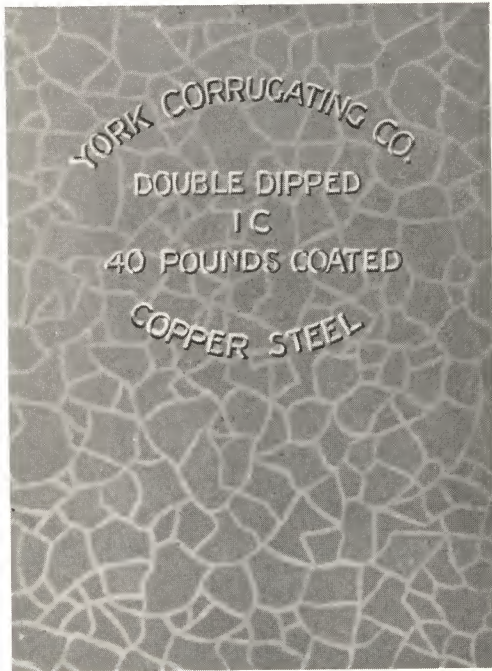
Discount.....%

Roofing Tin

York-Ternes

"The same as their name" when it comes to coating.

Our own private brands of copper bearing Terne Plate are strongly recommended for all practical purposes. The weight of coating stamped on each sheet is guaranteed.



Roofing Tin (Continued)

YORK CORRUGATING CO.

Double Dipped

I C

40 lb. Coating

Our highest quality of Terne with coating weight stamped on each sheet.

Guaranteed full 40 pound coating. Mottled—Small and distinctly bright dry finish—strictly all prime. Stamped and resquared.

IC 20 x 28

IX 20 x 28

YORK CORRUGATING CO.

Redipped

I C

Old Style
35 lb. Coating

Strictly full 35 lb. guaranteed. Bright Dry Finish—All Prime. Stamped and resquared.

IC 29 x 28

YORK CORRUGATING CO.

I C

Old Process
30 lb. Coating

Bright Dry Finish—Mottled small and distinctly all prime. Resquared.

IC 20 x 28

YORK CORRUGATING CO.

Colonial

I C

Old Style
25 lb. Coating

All Prime—Stamped and resquared. Bright Dry Finish—small and distinct mottle.

IC 20 x 28

Roofing Tin (Continued)

YORK CORRUGATING CO.

Special
I C

20 lb. Coating

All Prime—Stamped and resquared. Bright Dry Finish—small distinct mottle. Far superior to many medium old style grades.

IC 20 x 28

YORK CORRUGATING CO.

Codorus
I C

15 lb. Coating

IC 20 x 28

Stamped and resquared. Well assorted. Bright Dry Finish—small distinct mottle.

YORK CORRUGATING CO.

I C

12 lb. Coating

IC 20 x 26

Small distinct mottle—bright dry finish, well assorted—stamped.

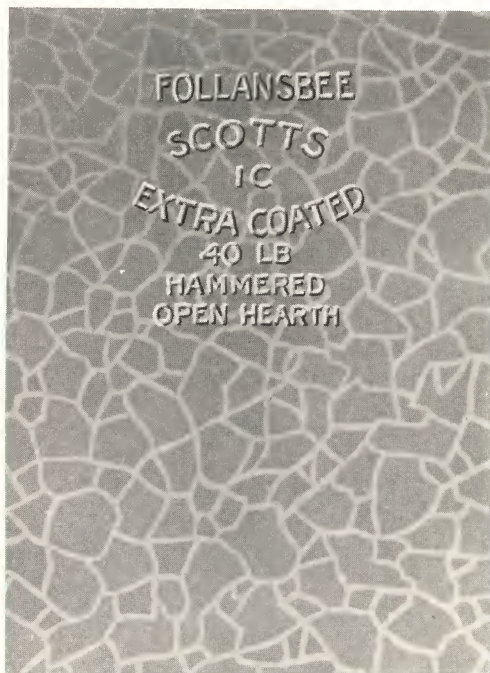
YORK CORRUGATING CO.

I C

8 lb. Coating

Full weight base—well assorted. Stamped—Oil Finish.

Roofing Tin (Continued)



Special attention is called to Scott's Extra Coated

Scott's Extra Coated

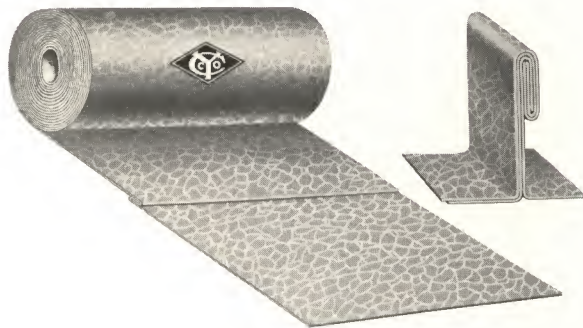
Pre-eminent for 30 years

Used on largest and most important Government, State, County, Municipal, Railroad and other public and private buildings. Most critically inspected. Heavy uniform coating. Handsomely mottled. Even oil finish. Each sheet stamped and resquared. Recommended for best work every where. Always gives satisfaction.

We always have in stock a full line of Follansbee Bros. Registered Brands as follows:

Scott's Extra Coated	40 lb.
Old Reliable Redipped	30 lb.
Protection Old Process	25 lb.
Neville Old Style	20 lb.
Lionell Old Style	15 lb.
Duquesne	10 lb.
Raymond	8 lb.
Allegheny	8 lbs. I C L

Roofing Tin in Rolls



A full stock of these plates is carried in both our warehouses at York and Harrisburg.

A roll 14 in. wide is 91 ft. long and contains 106 sq. ft.

A roll 20 in. wide is 64½ ft. long and contains 107 sq. feet.

A roll 28 in. wide is 45½ ft. long and contains 106½ sq. feet.

Flat Seam Tin Roofing

Quantity of Terne Plates

Size 14 x 20 inches required to cover a given number of square feet with flat seam tin roofing. A sheet of 14 x 20 inches with ½ inch edges measures, when edged or folded, 13 x 19 inches or 247 square inches. In the following all fractional parts of a sheet are counted as a full sheet.

No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required
100	59	280	164	460	269	640	374	820	479
110	65	290	170	470	275	650	379	830	484
120	70	300	175	480	280	660	385	840	490
130	76	310	181	490	286	670	391	850	496
140	82	320	187	500	292	680	397	860	502
150	88	330	193	510	298	690	403	870	508
160	94	340	199	520	304	700	409	880	514
170	100	350	205	530	309	710	414	890	519
180	105	360	210	540	315	720	420	900	525
190	111	370	216	550	321	730	426	910	531
200	117	380	222	560	327	740	432	920	537
210	123	390	228	570	333	750	438	930	543
220	129	400	234	580	339	760	444	940	549
230	135	410	240	590	344	770	449	950	554
240	140	420	245	600	350	780	455	960	560
250	146	430	251	610	356	790	461	970	566
260	152	440	257	620	362	800	467	980	572
270	158	450	263	630	368	810	473	990	578

1000 square feet, 583 sheets.

A box of 112 sheets 14 x 20 inches will cover approximately 192 square feet.
A box of 112 sheets 20 x 28 inches will cover 384 square feet.

Standing Seam Tin Roofing

Table showing quantity of 20 x 28 inches tin required to cover a given number of square feet with standing seam tin roofing. The standing seams and the locks on a steep roof require $2\frac{3}{4}$ inches off the width and $\frac{3}{4}$ inch off the length of the sheet; fractional parts are counted as a full sheet. A sheet will cover 475 square inches.

No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required	No. of Sq. ft.	Sheets required
100	31	280	85	460	140	640	194	820	249
110	34	290	88	470	143	650	197	830	252
120	37	300	91	480	147	660	200	840	255
130	40	310	94	490	149	670	203	850	258
140	43	320	97	500	152	680	206	860	261
150	46	330	100	510	155	690	210	870	264
160	49	340	103	520	158	700	212	880	267
170	52	350	106	530	161	710	215	890	270
180	55	360	109	540	164	720	218	900	273
190	58	370	112	550	167	730	221	910	276
200	61	380	115	560	170	740	224	920	279
210	64	390	118	570	173	750	228	930	282
220	67	400	122	580	176	760	231	940	285
230	70	410	125	590	180	770	234	950	288
240	73	420	128	600	182	780	237	960	291
250	76	430	131	610	185	790	240	970	294
260	79	440	134	620	188	800	243	980	297
270	82	450	137	630	191	810	246	990	300

1000 square feet, 303 sheets.

A full box, 112 sheets, 20 x 28 inches, will cover approximately 370 square feet.

The common sizes of tin plates are 10 x 14 inches and multiples of that measure. The sizes most generally used are 14 x 20 inches and 20 x 28 inches. Plates of special sizes furnished.

Bright Tin Plates



The following brands are probably the best ever made and guaranteed to be up to standard.

Rosedale

Tissue paper packed. Similar to Gilbert, only the coating is not quite so expensive.

Clifton

Our cheapest charcoal plate, not tissue paper packed, fair coating, good for ordinary work.

Usual sizes and weights of above in stock. Special sizes to order.

Furnace Coke Plates

We always have a large stock of Furnace Pipe tin in stock of the different weights and sizes as follows:

Basis	Size	Sheets Per Box
100	20x28	112
107	20x28	112
128	20x28	112
135	20x28	112
100	20x29 $\frac{1}{2}$	112
128	20x29 $\frac{1}{2}$	112
100	20x32 $\frac{1}{2}$	112

Sizes Required

20x23	in	for 7 in. pipe
20x26	in	for 8 in. pipe
20x29 $\frac{1}{2}$	in	for 9 in. pipe
20x32 $\frac{1}{2}$	in	for 10 in. pipe
20x36	in	for 11 in. pipe
20x39	in	for 12 in. pipe

Standard Weights and Gauges of Tin Plates

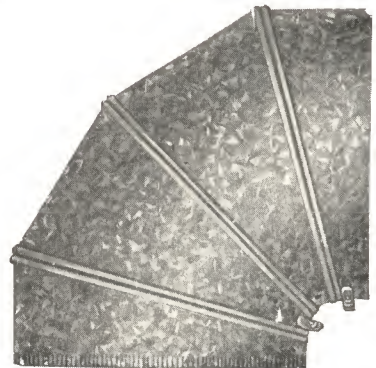
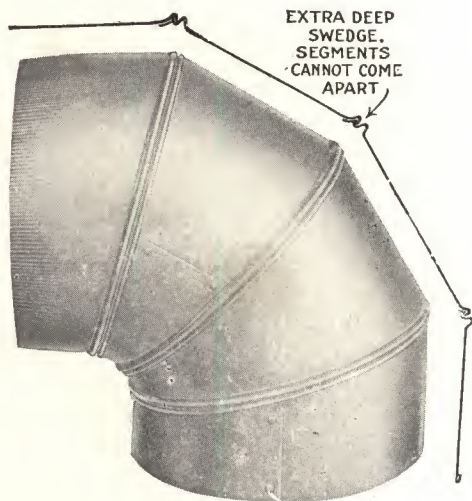
	56-lb.	60-lb.	65-lb.	70-lb.	75-lb.
Nearest wire gauge No.	38	37	35	35	34
Weight, square feet, lbs.	.257	.275	.298	.322	.345
Weight, box 14 x 20, lbs.	56	60	65	70	75

	80-lb.	85-lb.	90-lb.	95-lb.	100-lb.
Nearest wire gauge No.	33	32	31	31	30 $\frac{1}{2}$
Weight, square feet, lbs.	.367	.390	.413	.436	.459
Weight, box 14 x 20, lbs.	80	85	90	95	100

	IC	IXL	IX	IXX
Nearest wire gauge No.	30	28	28	27
Weight, square feet, lbs.	.491	.588	.619	.712
Weight, box, 14 x 20, lbs.	107	128	135	155

	IXXX	IXXXX	IXXXXX
Nearest wire gauge, No.	26	25	24
Weight, square feet, lbs.	.803	.895	.987
Weight, box, 14 x 20, lbs.	175	195	215

Galvanized and Tin Adjustable Elbows



Size Inches	I.C. Tin	I.X. Tin	No. 28 Galvanized Steel	No. 26 Galvanized Steel	No. 24 Galvanized Steel
3	.....	.....	\$3.60	.....	.....
4	.....	.....	4.20	\$6.00	\$8.40
5	.....	.....	4.80	6.00	8.40
6	\$4.56	\$5.76	5.76	6.00	8.40
7	5.04	6.24	6.96	7.20	9.60
8	5.52	6.96	7.80	8.40	10.80
9	6.00	7.68	9.00	9.60	13.20
10	7.20	9.12	10.20	12.00	15.60
12	10.08	12.00	14.40	16.80	20.40
14	.....	18.00	.....	21.60	26.00
16	.....	24.00	.....	28.80	31.84

Security Stove Pipe Elbows

Even Blue Color—Oiled

Security Elbows are riveted both ends. They are made to match Security Stove Pipe in color and finish, handsome in appearance and sell at sight.

Stock sizes—3, 4, 5, 5½, 6 and 7 inch.

Securely wired 1 doz. to the bundle.



Bright and Clean

Security Stove Pipe Angles

A New Feature in Security Stove Pipe and Elbows



One piece crimped
half the pitch of
the regular Elbow.

This angle is similar in quality and workmanship to the well-known SECURITY ONE PIECE CRIMPED ELBOW. It takes the place of the adjustable elbow, giving better results at a lower cost. The regular elbow and this angle are made in the same uniform color sheets as the Security Nested Stove Pipe. The lock seams and the uniform color are the important features of the pipe.

Five Piece Adjustable Black Elbows



Made of Clean Iron

List Price Per Dozen

3 inch.....	\$3.50
4 inch.....	3.20
4½ inch.....	3.30
5 inch.....	3.50
5½ inch.....	3.70
6 inch.....	4.00
7 inch.....	5.50



Stove Pipe Collars

Size	Outside Measure	Per Dozen
3 inch.....	5 7/8 inch.....	\$
4 inch.....	6 3/4 inch.....	
4½ inch.....	7 5/8 inch.....	
5 inch.....	8 inch.....	
5½ inch.....	8 5/8 inch.....	
6 inch.....	9 1/8 inch.....	
7 inch.....	10 1/4 inch.....	
8 inch.....	13 3/8 inch.....	
9 inch.....	13 3/8 inch.....	
10 inch.....	13 3/8 inch.....	
Wide Flange.....	10 1/4 inch.....	



Discount.....per cent.

Flue Stops

Put up in boxes of one dozen each.

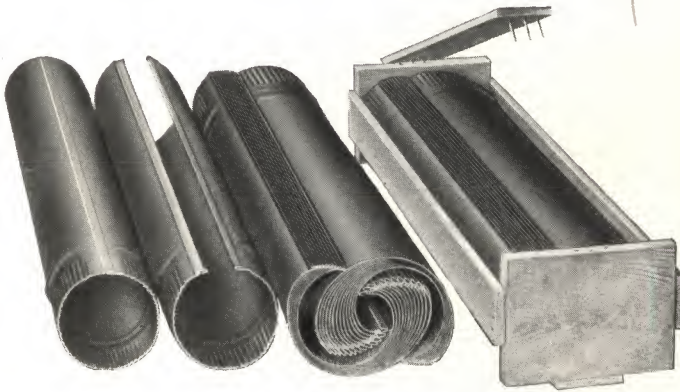
Per Dozen

Diameter, 8 1/8 inches No. 3.....\$

Discount.....per cent.



Stove Pipe



Manufactured from Even Color Blue Steel and oiled to prevent rust. Most practical in construction. To finish, groove or hammer down the seam and you have the most secure joint possible. No rivets necessary. Note projection in groove which prevents any possibility of its opening after being closed. Joints may be cut to any length without affecting their strength.

Stock sizes, 3, 4, 5, 5½, 6 and 7 inches. Tapered and half joints furnished. Packed twenty-five joints in a crate.

Collar Reducers

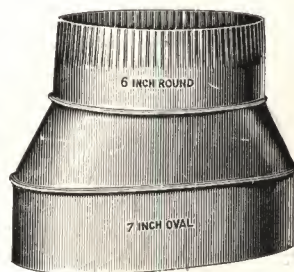
Made of Mecca Lustre and Royal Smooth Steel

ONE SIZE ONLY, 6 X 7 INCHES

The advantages of our collar reducer are apparent to the Hardware and Stove Dealer. They are made with a 7 in. oval bottom which fits perfectly over the oval pipe collar of a range, or over the first 7 in. range joint. Reduced in a short space to a 6 in. round top they can be used in many places where a half length of tapered pipe is too long. Easy to attach and the fact that they fit more securely than any taper pipe recommends their use.

Made of full weight material with perfect seams and electric welded joints.

One-half dozen in a crate.



One size only, 6 x 7 inches

Thimble and Furnace Pipe



The O. K. Thimble has only two parts and these are so constructed that they can not get out of repair. The ends are made of steel and handsomely Japanned. The body is made of bright tin, with corrugations or screw formations which give great rigidity and strength and with the air space for circulation, perfect safety from all danger of fire is secured.

Price Lists

7 in. for floors (6 to 12 in.)	\$14.00
7 in. for walls (4 to 7 1/4 in.)	13.00
6 in. for floors (6 to 12 in.)	12.00
6 in. for walls (4 to 7 1/2 in.)	11.00
5 in. for floors (6 to 12 in.)	11.00
5 in. for walls (4 to 7 1/2 in.)	10.00
4 in. for floors (6 to 12 in.)	10.00
4 in. for walls (4 to 7 1/2 in.)	9.00
3 in. for floors (6 to 12 in.)	10.00
3 in. for walls (4 to 7 1/2 in.)	9.00

Discount Per cent.

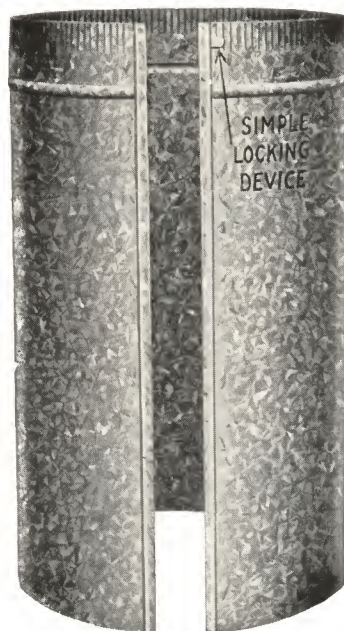
Galvanized Steel Nested Furnace Pipe

Saves Time, Space and Labor

Convenient and Money Saving

The opposite illustration shows 50 lineal feet of **SECURITY** Nested Furnace Pipe ready for wrapping and crating.

Packed in this manner the material reaches its destination in just as good condition as when new from the factory. This very handy method makes it possible for a man to carry enough pipe for a fair sized job. It possesses all the good features of shop made pipe and is more conveniently handled. No special tools or skill required to put it together.

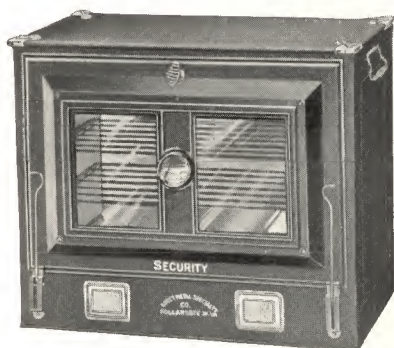


Convenient and Money-Saving

LIST PRICE

	6	7	8	9	10	12	14	16	18	20
26 ga. Galv. per ft. . . .	\$0.36	\$0.40	\$0.42	\$0.44	\$0.48	\$0.64	\$0.70	\$0.80	\$1.00	\$1.02
24 Ga. Galv. per ft. . . .	40	50	54	58	64	84	..	..	..	..

New Models of Security Ovens



No. 45 Polished Blue Door, two glass panels with Oven Indicator.

No. 145 Polished Nickeled Door, two glass panels with Oven Indicator.

Dimensions and shipping weight same as No. 40.



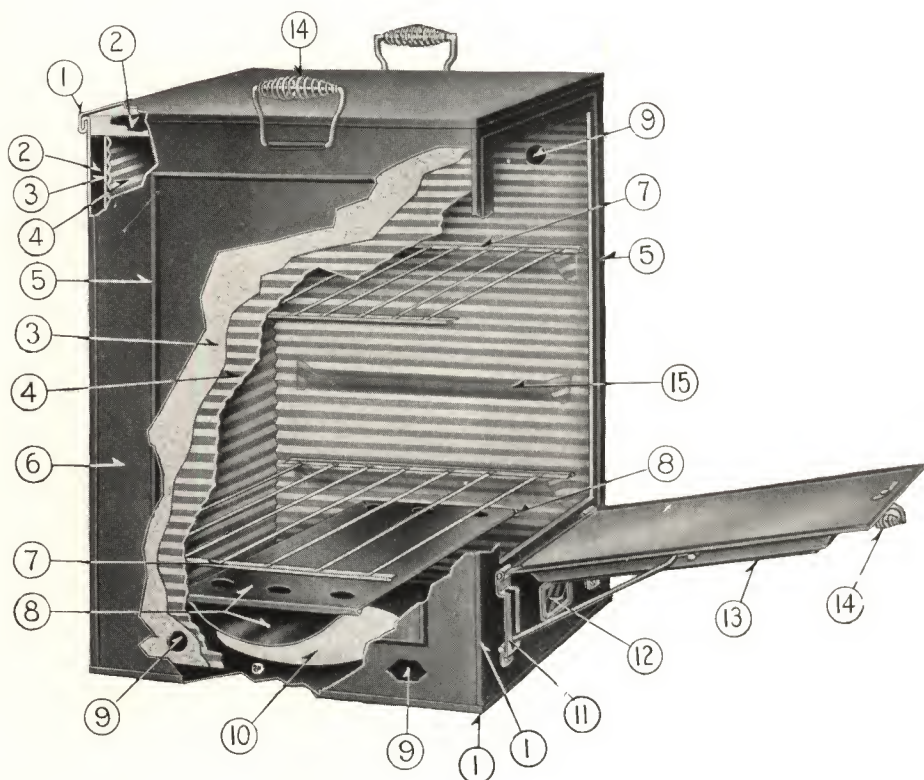
No. 40 Polished Blue Door, 2 Glass Panels.

No. 140 Polished Nickeled Door, two glass panels.

Oven No.	Description of Door	Width In.	Depth In.	Height In.	Wt. (Ctd.) Lbs.
35	Polished Blue Drop Door	13	12½	18	18
30	Polished Blue Drop Door	21	12½	18	25
36	Polished Blue Drop Door	26	12½	18	30
25	Polished Blue Drop Door with one Glass Panel	13	12½	18	19
20	Polished Blue Drop Door with one Glass Panel	21	12½	18	27
26	Polished Blue Drop Door with one Glass Panel	26	12½	18	31
40	Polished Blue Drop Door with two Glass Panels	21	12½	18	27
46	Polished Blue Drop Door with two Glass Panels	26	12½	18	31
130	Polished Nickeled Drop Door	21	12½	18	25
120	Polished Nickeled Drop Door with one Glass Panel	21	12½	17	27
126	Polished Nickeled Drop Door with one Glass Panel	26	12½	18	31
140	Polished Nickeled Drop Door with two Glass Panels	21	12½	18	27
146	Polished Nickeled Drop Door with two Glass Panels	26	12½	18	31
50	Polished Blue Swing Door	12½	10	11¼	20*
55	Polished Blue Swing Door with one Glass Panel	12½	10	11½	20*

*Weight of two ovens.

Security Ovens

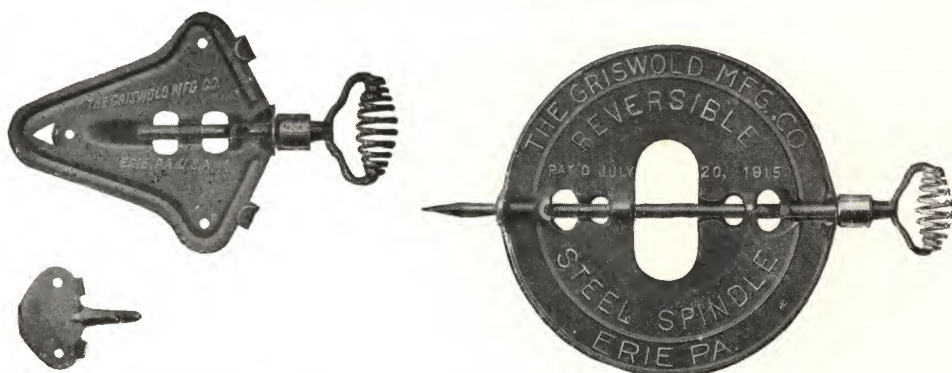


Fifteen Reasons Why Security Ovens Are Attractive, Efficient, Convenient and Economical

1. Strong double seams closed on heavy presses.
2. Air chambers, top, sides and back.
3. Asbestos insulation.
4. Crimped Bright Tin Plate Lining.
5. Embossed heading adds rigidity.
6. Follansbee Polished Sheets highest quality uniform Blue.
7. Two strong racks. Rods run from bracket to bracket. Each rod forms independent support—will not slip or collapse (rods of inferior racks run opposite direction and entire weight rests on two rods).
8. Double stationary Baffle Plate—oval bottom and perforated ends distribute heat evenly—curved bottom prevents flames from touching bottom of oven.
9. Draft system—openings at bottom outside, top and bottom inside.
10. Bottom opening to fit burner.
11. Substantial Door Supports placed below door will save your arms from burns.
12. Perforated Bright Tin Windows for observing flames.
13. Doors deep drawn and embossed on heavy power presses. Rigid and level—fit tightly.
14. Nickled Alaska Handles. Nickled Alaska Knob that holds door tight against oven (one good knob and two good hinges are enough for any good door).
15. Three brackets for racks.

Dampers

American Stove Pipe Dampers



Nickel Coil Handle in 3 to 7 inch sizes. 8 to 12 inch Japanned Iron Handle.

Size	CAST IRON—ROUND	List per Doz.
3 inch	\$2.60
4 inch	2.80
4½ inch	3.00
5 inch	3.00
5½ inch	3.30
6 inch	3.50
7 inch	5.00
8 inch	8.00
9 inch	12.00
10 inch	15.00
12 inch	18.00

	CAST IRON—OVAL	
6 inch	\$4.00
7 inch	6.00



STOVE PIPE

Size	List per Doz.
4 inch	\$0.85
4½ inch	.85
5 inch	1.00
5½ inch	1.10
6 inch	1.15
7 inch	1.60

HOT AIR

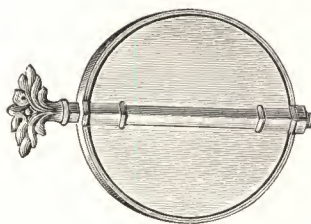
8 inch	2.20
9 inch	2.60
10 inch	2.80
12 inch	3.50

Cast Dampers

Smoke Pipe Sizes 4, 4½, 5, 5½, 6 and 7 inches.

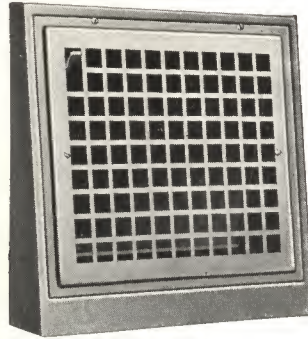
Hot Air Sizes 7, 8, 8½, 9, 10 and 12 inches.

These Dampers are all gauged to a true size to fit the pipe, and will not turn in the rods.



	Weight Per Dozen											
Inches	4	4½	5	5½	6	7	8	9	10	12		
Pounds	5½	6¾	8¼	10	12	16	22	33	42	60		
Price.....per pound												

Registers, Baseboard



Style 900

A two-piece All-steel Baseboard Register made in different sizes and depths to meet all conditions. Made of heavy gauge, open hearth sheet steel with operating device that is positive and durable.

The $3\frac{5}{8}$ Style 900 is for second floor use only and is used with a head $3\frac{5}{8}$ inches deep, which is the standard depth of wall stack.

The $5\frac{5}{8}$ Style 900 can be used either for the second floor or for small rooms on the first floor where a head $5\frac{5}{8}$ inches deep or 2 inches deeper than ordinary wall stack is used.

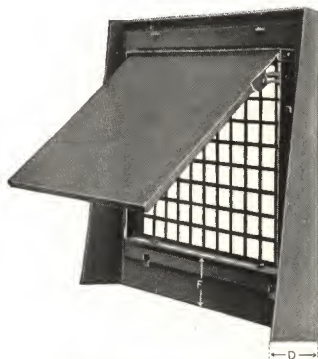
The $6\frac{1}{8}$ Style 900 is for first floor use with head $6\frac{1}{8}$ inches deep or $2\frac{1}{2}$ inches deeper than wall stack.

The $6\frac{5}{8}$ Style 900 adds a further $\frac{1}{2}$ inch capacity and is used with a head 3 inches deeper than ordinary wall stack.

The $7\frac{1}{8}$ Style 900 is for large first floor rooms and is used with a head $7\frac{1}{8}$ inches deep or $3\frac{1}{2}$ inches deeper than ordinary wall stack.

The $8\frac{5}{8}$ Style 900 is for first floor use in large rooms or in smaller rooms where an extension runs up to second floor and two Registers are fed from the same pipe. They are used with a head $8\frac{5}{8}$ inches deep or 5 inches deeper than ordinary wall stack.

Registers, Baseboard (Continued)



Style 900 (Back View)

List Prices, Style 900— $3\frac{5}{8}$ inch Registers
(Depth of Flange, 1 inch)

Depth of Flange D Inches	Height to Stackhead Opening F Inches	In Ordering Specify		Black Japan	White Japan and the Tanbo Finishes	Plated Oxidized Copper	Plated Nickel or Dull Brass
		Depth of Stackhead Inches	Size of Opening				
1	$1\frac{1}{4}$	$3\frac{5}{8}$	8x10	\$2.00	\$2.35	\$3.50	\$3.85
1	$1\frac{1}{4}$	$3\frac{5}{8}$	8x12	2.40	2.90	3.95	4.35
1	$1\frac{1}{4}$	$3\frac{5}{8}$	9x12	2.50	3.00	4.00	4.40

List Prices, Style 900— $5\frac{5}{8}$ inch Registers
(Depth of Flange, $1\frac{1}{4}$ inches)

Depth of Flange D Inches	Height to Stackhead Opening F Inches	In Ordering Specify		Black Japan	White Japan and the Tanbo Finishes	Plated Oxidized Copper	Plated Nickel or Dull Brass
		Depth of Stackhead Inches	Size of Opening				
$1\frac{1}{4}$	2	$5\frac{5}{8}$	8x10	\$2.00	\$2.35	\$3.50	\$3.85
$1\frac{1}{4}$	2	$5\frac{5}{8}$	8x12	2.40	2.90	3.95	4.35
$1\frac{1}{4}$	2	$5\frac{5}{8}$	9x12	2.50	3.00	4.00	4.40

List Prices, Style 900— $6\frac{1}{8}$ inch Registers
(Depth of Flange, $2\frac{1}{4}$ inches)

Depth of Flange D Inches	Height to Stackhead Opening F Inches	In Ordering Specify		Black Japan	White Japan and the Tanbo Finishes	Plated Oxidized Copper	Plated Nickel or Dull Brass
		Depth of Stackhead Inches	Size of Opening				
$2\frac{1}{4}$	2	$6\frac{1}{8}$	8x10	\$2.00	\$2.35	\$3.50	\$3.85
$2\frac{1}{4}$	2	$6\frac{1}{8}$	8x12	2.40	2.90	3.95	4.35
$2\frac{1}{4}$	2	$6\frac{1}{8}$	8x13	2.75	3.25	4.25	4.65
$2\frac{1}{4}$	2	$6\frac{1}{8}$	9x12	3.00	3.50	4.50	4.90
$2\frac{1}{4}$	2	$6\frac{1}{8}$	10x12	3.65	4.25	5.40	6.00
$2\frac{1}{4}$	2	$6\frac{1}{8}$	10x13	4.20	5.00	6.20	7.00

List Prices, Style 900, continued on next page.

Registers, Baseboard (Continued)

List Prices, Style 900— $6\frac{5}{8}$ inch Registers

(Depth of Flange, 3 inches)

Depth of Flange D Inches	Height to Stackhead Opening F Inches	In Ordering Specify		Black Japan	White Japan and the Tanbo Finishes	Plated Oxidized Copper	Plated Nickel or Dull Brass
		Depth of Stackhead Inches	Size of Opening				
3	$2\frac{3}{4}$	$6\frac{5}{8}$	7x10	\$2.50	\$3.00	\$3.95	\$4.65
3	$2\frac{3}{4}$	$6\frac{5}{8}$	7x12	3.00	3.60	4.50	5.25
3	$2\frac{3}{4}$	$6\frac{5}{8}$	8x10	2.50	3.00	4.00	4.70
3	$2\frac{3}{4}$	$6\frac{5}{8}$	8x12	3.00	3.60	4.50	5.25
3	$2\frac{3}{4}$	$6\frac{5}{8}$	8x13	3.00	3.60	4.50	5.25
3	$2\frac{3}{4}$	$6\frac{5}{8}$	9x12	3.50	4.20	5.40	6.10
3	$2\frac{3}{4}$	$6\frac{5}{8}$	10x12	3.75	4.35	5.50	6.10
3	$2\frac{3}{4}$	$6\frac{5}{8}$	10x13	4.20	5.00	6.20	7.00
3	$2\frac{3}{4}$	$6\frac{5}{8}$	10x14	4.50	5.25	6.70	7.50

List Prices, Style 900— $7\frac{1}{8}$ inch Registers

(Depth of Flange, $3\frac{1}{2}$ inches)

Depth of Flange D Inches	Height to Stackhead Opening F Inches	In Ordering Specify		Black Japan	White Japan and the Tanbo Finishes	Plated Oxidized Copper	Plated Nickel or Dull Brass
		Depth of Stackhead Inches	Size of Opening				
$3\frac{1}{2}$	$2\frac{3}{4}$	$7\frac{1}{8}$	12x13	\$4.50	\$5.25	\$6.75	\$7.50
$3\frac{1}{2}$	$2\frac{3}{4}$	$7\frac{1}{8}$	12x14	5.85	6.85	8.00	9.00

List Prices, Style 900— $8\frac{5}{8}$ inch Registers

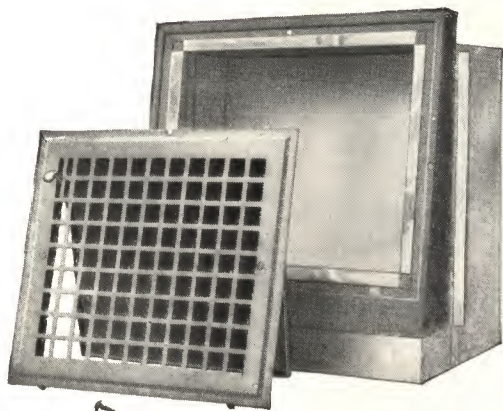
(Depth of Flange, 5 inches)

Depth of Flange D Inches	Height to Stackhead Opening F Inches	In Ordering Specify		Black Japan	White Japan and the Tanbo Finishes	Plated Oxidized Copper	Plated Nickel or Dull Brass
		Depth of Stackhead Inches	Size of Opening				
5	$2\frac{3}{4}$	$8\frac{5}{8}$	10x12	\$4.50	\$5.40	\$6.50	\$7.50
5	$2\frac{3}{4}$	$8\frac{5}{8}$	10x13	5.00	6.00	7.00	8.00
5	$2\frac{3}{4}$	$8\frac{5}{8}$	12x13	5.25	6.00	7.50	8.25
5	$2\frac{3}{4}$	$8\frac{5}{8}$	12x14	6.50	7.50	8.50	9.50
5	$2\frac{3}{4}$	$8\frac{5}{8}$	12x15	7.25	8.70	9.75	11.25

In ordering Baseboard Registers specify:

Thus—	Style 900	Depth of Stackhead $6\frac{5}{8}$	Size of Opening 10x12	Finish Ox. Copper
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Registers, Baseboard (Continued)



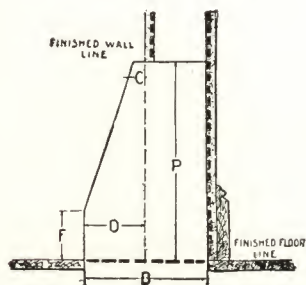
Three different methods of fastening Style 900 to the stackhead.

First Method—Showing flange of stackhead passed through the frame of the register and turned over. The face of register is then attached by means of two lugs at bottom and one screw at top thus binding the flange of the stackhead.

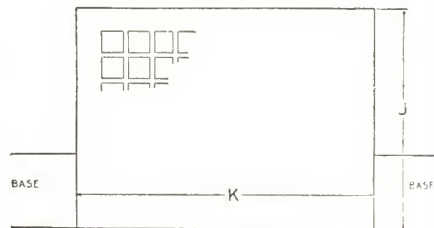
Second Method—Can be fastened by straps through slots provided in Register Frame, first taking off the face.

Third Method—Long wood screws for attaching Register to studding are furnished with all Baseboard registers.

Dimensions of Stackheads and Baseboard Registers



Stackhead Dimensions
Showing what space to allow for the Stackhead and the height from the finished floor to Register opening.



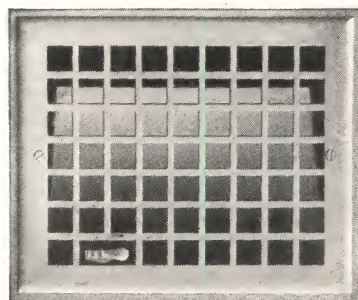
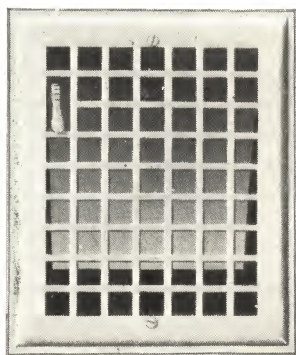
Register Dimensions
Showing extreme size of Register. Cut Baseboard opening to dimension K.

Depth of Head B Inches	Use with Register Number, Inches	Stackhead Dimensions (See Cut Above)				Register Dimensions	
		C Inches	D Inches	F Inches	P Inches	J Inches	K Inches
3 5/8	3 5/8 8x10	1	1	1 1/4	9 1/4	10 3/4	13
3 5/8	3 5/8 8x12	1	1	1 1/4	9 1/4	10 3/4	15
3 5/8	3 5/8 8x13	1	1	1 1/4	9 1/4	10 3/4	16
3 5/8	3 5/8 9x12	1	1	1 1/4	10	11 1/2	15
5 5/8	3 5/8 8x10	1	1 1/8	2	10	11 1/2	13
5 5/8	3 5/8 8x12	1	1 1/8	2	10	11 1/2	15
5 5/8	3 5/8 9x12	1	1 1/8	2	11	12 1/2	15
6 5/8	6 5/8 8x10	1	1 1/8	2	10	11 1/2	13
6 5/8	6 5/8 8x12	1	1 1/8	2	10	11 1/2	15
6 5/8	6 5/8 8x13	1	1 1/8	2	10	11 1/2	16
6 5/8	6 5/8 9x12	1	1 1/8	2	11	12 1/2	15
6 5/8	6 5/8 10x12	1 1/4	1 1/8	2	12	13 1/2	15
6 5/8	6 5/8 10x13	1 1/4	1 1/8	2	12	13 1/2	16
6 5/8	6 5/8 7x10	1	2 3/8	2 3/4	9 1/2	11	13
6 5/8	6 5/8 7x12	1	2 3/8	2 3/4	9 1/2	11	15
6 5/8	6 5/8 8x10	1	2 3/8	2 3/4	10 1/2	12	13
6 5/8	6 5/8 8x12	1	2 3/8	2 3/4	10 1/2	12	15
6 5/8	6 5/8 8x13	1	2 3/8	2 3/4	10 1/2	12	16
6 5/8	6 5/8 9x12	1	2 3/8	2 3/4	11 1/2	13	15
6 5/8	6 5/8 10x12	1	2 3/8	2 3/4	12 1/2	14	15
6 5/8	6 5/8 10x14	1	2 3/8	2 3/4	12 1/2	14	16
7 5/8	7 5/8 12x13	1	2 3/4	2 3/4	12 1/2	14	17
7 5/8	7 5/8 12x14	1	2 3/4	2 3/4	14 1/2	16	16
8 5/8	8 5/8 10x12	1	4 1/2	2 3/4	14 1/2	16	17
8 5/8	8 5/8 10x13	1	4 1/2	2 3/4	12	13 1/2	15
8 5/8	8 5/8 12x13	1	4 1/2	2 3/4	12	13 1/2	16
8 5/8	8 5/8 12x14	1	4 1/2	2 3/4	14 1/2	15 3/4	16
8 5/8	8 5/8 12x15	1	4 1/2	2 3/4	14 1/2	15 3/4	17
7 5/8	5 5/8 8x10	1	1 1/8	2	10	15 3/4	18
7 5/8	5 5/8 8x12	1	1 1/8	2	10		
7 5/8	5 5/8 9x12	1	1 1/8	2	11		
8 5/8	6 5/8 8x10	1	1 1/8	2	10		
8 5/8	6 5/8 8x12	1	1 1/8	2	10		
8 5/8	6 5/8 8x13	1	1 1/8	2	10		
8 5/8	6 5/8 9x12	1	1 1/8	2	11		
8 5/8	6 5/8 10x12	1 1/4	1 1/8	2	12		
8 5/8	6 5/8 10x13	1 1/4	1 1/8	2	12		
9 5/8	6 5/8 7x10	1	2 3/8	2 3/4	9 1/2		
9 5/8	6 5/8 7x12	1	2 3/8	2 3/4	9 1/2		
9 5/8	6 5/8 8x10	1	2 3/8	2 3/4	10 1/2		
9 5/8	6 5/8 8x12	1	2 3/8	2 3/4	10 1/2		
9 5/8	6 5/8 8x13	1	2 3/8	2 3/4	10 1/2		
9 5/8	6 5/8 9x12	1	2 3/8	2 3/4	11 1/2		
9 5/8	6 5/8 10x12	1	2 3/8	2 3/4	12 1/2		
9 5/8	6 5/8 10x13	1	2 3/8	2 3/4	12 1/2		
9 5/8	6 5/8 10x14	1	2 3/8	2 3/4	12 1/2		
10 5/8	7 5/8 12x13	1	2 3/4	2 3/4	14 1/2		
10 5/8	7 5/8 12x14	1	2 3/4	2 3/4	14 1/2		
13 5/8	8 5/8 10x12	1	4 1/2	2 3/4	12		
13 5/8	8 5/8 10x13	1	4 1/2	2 3/4	12		
13 5/8	8 5/8 12x13	1	4 1/2	2 3/4	14 1/2		
13 5/8	8 5/8 12x14	1	4 1/2	2 3/4	14 1/2		
13 5/8	8 5/8 12x15	1	4 1/2	2 3/4	14 1/2		

Two Registers for Double Header

Registers

Sidewall



Style 40 "As thin as a wafer"
All-steel Plain Lattice Design

T. & B. Reversible Wafer

Same Register Sets Either Way

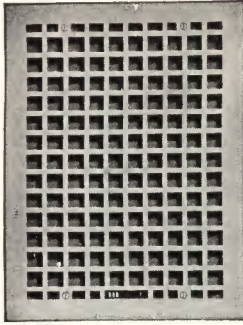
The Reversible Wafer Register is designed for shallow flues and is only 1 inch deep when closed. By a simple patented device it can be arranged to set either vertically or horizontally—the same movement operating either way.

The cast iron Moorish design (Style 15) has a rounded rim which makes a good finish against the plaster, while the wrought steel plain lattice design (Style 40) has convex rims for the same purpose.

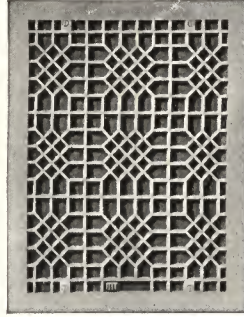
LIST PRICES—Styles 40 and 15

Size of Opening	Black Japan	White, Japan and the Tanbo Finishes	Plated Ozidized Copper	Plated Bronze, Brass or Nickel
8x10	\$1.65	\$2.00	\$3.15	\$3.85
8x12	1.90	2.30	3.65	4.40
9x12	2.10	2.55	4.00	5.10
10x12	2.40	2.90	4.40	5.50
10x14	3.15	3.80	5.25	6.55
12x14	4.35	5.25	6.85	8.25
12x15	4.50	5.40	7.00	8.50

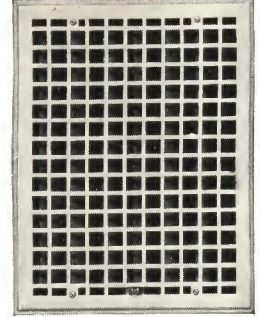
Registers Floor, Wall and Ceiling



Style 60—Plain Lattice
Ferrosteel



Style 50—Indian Lattice
Ferrosteel



Style 70—Plain Lattice
All-steel

LIST PRICES, REGISTERS AND REGISTER FACES

(Sizes given are those most often used. Complete list on application)

White Japan and the Tanbo Finishes		Black Japan		Size of Opening	Oxidized Copper		Dull Brass or Nickel	
Register	Register Face	Register	Register Face		Register	Register Face	Register	Register Face
\$1.70	\$.85	\$1.40	\$.55	4x 6	\$2.00	\$1.15	\$2.20	\$1.35
1.80	.90	1.50	.60	4x 8	2.20	1.30	2.40	1.50
2.20	1.35	1.80	.95	4x12	2.80	2.15	3.10	2.45
1.80	1.20	1.50	.90	6x 6	2.70	2.10	3.00	2.40
1.85	1.30	1.55	1.00	6x 8	2.80	2.25	3.10	2.50
1.95	1.40	1.60	1.05	6x10	3.00	2.45	3.50	2.95
2.25	1.60	1.85	1.25	6x12	3.50	2.90	4.20	3.60
3.45	2.10	2.85	1.65	6x14	4.95	3.75	5.75	4.50
9.60	5.30	8.00	3.70	6x24	12.00	7.00	13.30	8.30
1.90	1.35	1.55	1.00	7x 7	2.90	2.35	3.50	2.95
2.00	1.40	1.65	1.10	7x10	3.10	2.55	3.80	3.25
1.95	1.40	1.60	1.05	8x 8	3.00	2.45	3.70	3.15
2.00	1.45	1.65	1.10	8x10	3.15	2.60	3.85	3.30
2.30	1.70	1.90	1.30	8x12	3.65	3.05	4.40	3.75
3.60	2.60	3.00	2.00	8x14	5.10	3.95	6.20	5.10
7.90	4.80	6.60	3.50	8x18	9.40	6.00	10.70	7.30
2.40	1.80	2.00	1.40	9x 9	3.90	3.30	4.90	4.30
2.55	1.90	2.10	1.45	9x12	4.00	3.35	5.10	4.45
3.70	2.75	3.10	2.15	9x14	5.20	4.25	6.50	5.50
2.85	2.15	2.35	1.65	10x10	4.35	3.65	5.35	4.65
2.90	2.20	2.40	1.70	10x12	4.40	3.70	5.50	4.80
3.80	2.85	3.15	2.20	10x14	5.25	4.30	6.55	5.60
5.85	3.95	4.85	2.95	10x16	7.20	5.30	8.60	6.70
8.05	5.05	6.70	3.70	10x18	9.45	6.45	11.00	8.00
10.50	5.75	8.90	4.35	10x20	12.00	7.50	13.80	9.30
21.45	9.95	19.50	8.00	10x30	25.50	14.00	28.00	16.75
4.80	3.50	4.00	2.70	12x12	6.35	5.05	7.90	6.60
5.25	3.65	4.35	2.80	12x14	6.85	5.35	8.25	6.75
5.40	3.80	4.50	2.90	12x15	7.00	5.40	8.50	6.90
6.70	4.60	5.60	3.50	12x16	8.25	6.15	9.75	7.65
7.60	5.05	6.35	3.80	12x17	9.00	6.45	10.60	8.05
8.15	5.25	6.80	3.90	12x18	9.55	6.65	11.25	8.35
9.00	5.50	7.50	4.00	12x19	10.35	6.85	12.25	8.75
10.80	6.30	9.00	4.50	12x20	12.20	7.60	14.10	9.50
13.50	6.75	12.25	5.50	12x24	16.30	9.55	18.60	12.10
22.00	10.20	20.00	8.20	12x30	26.00	14.20	29.00	18.00
29.40	12.90	26.75	10.25	12x36	33.75	17.75	36.25	23.25

List Prices continued on next page.

Registers, Floor, Wall and Ceiling—Continued

LIST PRICES, REGISTERS AND REGISTER FACES—Continued

White Japan and the Tanbo Finishes		Black Japan		Size of Opening	Oxidized Copper		Dull Brass or Nickel	
Register	Face Register	Register	Register Face		Register	Register Face	Register	Register Face
\$9.45	\$5.60	\$7.90	\$4.05	14x14	\$11.00	\$7.15	\$14.30	\$9.60
10.20	6.00	8.50	4.30	14x16	11.50	7.30	16.50	11.00
10.80	6.20	9.00	4.50	14x18	12.00	7.50	18.50	12.00
11.25	6.40	9.50	4.80	14x20	13.00	8.50	20.50	13.00
12.00	6.50	10.50	5.00	14x22	14.50	9.00	22.50	14.50
16.40	8.40	14.90	6.90	14x24	19.50	11.50	26.00	16.50
30.25	13.20	27.50	10.75	14x30	33.00	18.00	37.50	25.00
12.20	6.20	11.00	5.10	16x16	15.00	9.10	19.75	12.80
13.20	6.50	12.00	5.30	16x18	16.20	9.50	22.25	14.25
13.60	7.35	12.35	6.10	16x20	16.55	10.30	24.60	16.00
16.20	8.15	14.75	6.70	16x22	19.50	11.50	28.00	18.00
16.50	8.50	15.00	7.00	16x24	20.00	12.00	29.60	19.25
27.05	12.45	24.60	10.00	16x28	30.80	16.20	35.00	22.75
30.70	13.80	27.90	11.00	16x30	35.00	18.25	37.50	25.00
39.60	19.60	36.00	16.00	16x36	45.00	25.00	50.00	33.00
20.35	9.05	18.50	7.20	18x18	23.75	12.45	26.00	16.50
21.45	9.55	19.50	7.60	18x20	24.75	12.85	29.00	18.00
22.55	9.80	20.50	7.75	18x21	26.00	13.25	30.00	19.00
23.00	10.00	21.00	8.00	18x22	26.70	14.00	32.50	21.00
23.65	10.50	21.50	8.35	18x24	27.75	14.60	34.25	22.50
34.35	16.35	31.25	13.25	18x30	38.00	21.00	43.00	28.50
41.80	21.05	38.00	17.25	18x36	48.50	28.10	54.00	36.00
21.75	10.00	19.75	8.00	20x20	24.75	13.00	32.40	21.20
23.75	10.55	21.60	8.40	20x22	27.60	14.40	35.70	23.50
24.20	10.80	22.00	8.60	20x24	28.20	14.80	39.00	25.50
25.85	11.85	23.50	9.50	20x26	32.00	17.50	42.00	27.50
36.85	16.85	33.50	13.50	20x30	43.00	23.50	49.00	32.50
47.30	22.80	43.00	18.50	20x36	54.00	29.50	59.00	39.00
31.90	14.50	29.00	11.60	21x29	40.50	22.20	52.00	34.00
31.35	14.25	28.50	11.40	22x22	36.50	19.40	41.00	27.00
32.45	14.75	29.50	11.80	22x24	37.90	20.20	44.00	29.00
39.60	19.60	36.00	16.00	22x30	46.50	26.50	55.00	36.50
33.00	15.00	30.00	12.00	24x24	40.00	22.00	49.00	32.50
37.35	17.40	33.95	14.00	24x27	45.00	25.00	56.00	37.00
41.80	21.05	38.00	17.25	24x30	50.00	29.25	62.00	41.50
55.00	27.00	50.00	22.00	24x36	65.50	37.50	74.00	50.30
40.95	20.70	37.25	17.00	27x27	49.25	29.00	66.00	44.50
61.60	30.60	56.00	25.00	27x38	76.00	45.00	94.00	64.00
48.40	23.40	44.00	19.00	28x28	57.50	32.50	72.00	49.00
53.90	26.40	49.00	21.50	30x30	65.00	37.00	85.00	56.00
74.25	35.25	67.50	28.50	30x36	90.00	51.00	102.00	70.00
85.25	40.75	77.50	33.00	30x42	102.00	57.50	119.00	87.00
88.00	43.00	80.00	35.00	36x36	105.00	60.00	127.00	83.00
132.00	62.00	120.00	50.00	38x42	155.00	85.00	160.00	100.00

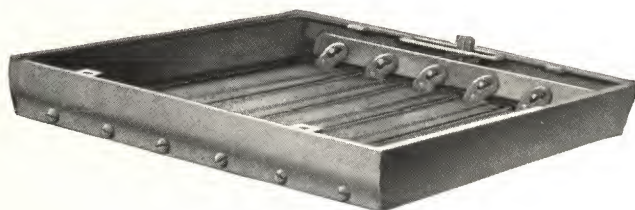
Note—All Cast Registers are also furnished in Plain Lattice and Indian Lattice Designs with the old reliable vertical wheel movement. All Cast Registers, Plain Lattice, are Style 30 and Indian Lattice, Style 20. The List Prices above cover Registers in Styles 20, 30, 50, 60 and 70 and Register Faces in Styles 5, 6, 7 and L. For cuts of Register Faces see page 101.

Prices on other sizes not listed above on application.

In ordering Registers specify:

	Style	Size	Finish
Thus—	60	9x12	Black

Register Bottom



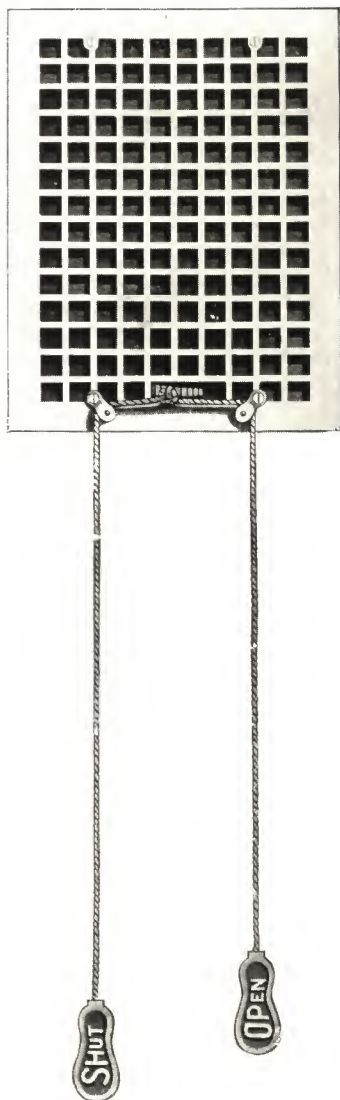
A feature of all T. & B. Ferrosteel and All-steel Registers is the register Bottom shown above. The sides are beveled, and this fact together with the slight clearance allowance insures the register slipping into the box without extra work. The bottom itself is made of heavy gauge steel and is only $2\frac{1}{4}$ inches deep when open on all sizes up to 14 inches in width.

They are furnished with T. & B. patent roller movement similar in principle to the ballbearing. The valves open and close smoothly without catch or hitch and when fully closed lock automatically. This prevents the rattling so often noticed in steel floor Registers.

With All-steel Registers strengthening bars are furnished to hold the face rigid. In setting, when the face is removed no part can fall out or into the flue as the bottom is complete in itself—a special arrangement holding all parts in their proper places.

Pulley Registers for Wall and Ceiling

Registers of any design, size, shape or finish, can be made into ventilators by attaching side wall or ceiling pulleys.



When the openings in the walls are out of arm's reach, ventilators are used as they can be operated with cord or chain.

For the list price of a ventilator add 50 cents list to the regular Register list on all sizes smaller than 14 x 14 or \$1.00 list if 14x14 or larger. This applies to all Registers shown on pages 14 and 15.

In ordering it should be stated whether Ventilators are for side wall or for ceiling.

Indicating handles, cord, chain, etc., are not included in the price of a ventilator. The extra charges are as follows:

NET PRICES Indicating Handles

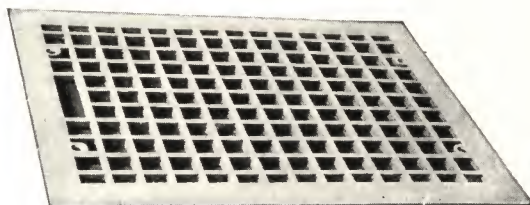
	Per Pair Net \$
Black Japan.....	\$
Bronzed.....	
Plated (Brass, Bronze or Copper).....	
Plated (to sample).....	
Solid Bronze.....	
Solid Brass.....	

Cord, Chain, Etc.

	Per Yard Net \$
Cord.....	\$
Chain, Nickel Plated.....	
Chain, Bronze Plated.....	

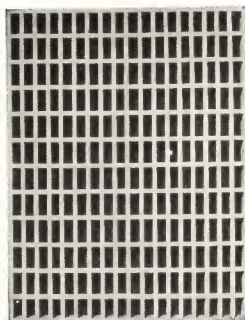
To specify Pulley Registers add "P" after the style of Register desired for side wall and "C. P." for ceiling. Example: To order a 10 x 12 Black Plain Lattice, Ferrosteeel Pulley Register for ceiling, specify Style 60, C. P. 10 x 12, Black.

Register Faces, Cold Air



Style 6 (Cast Iron Plain Lattice)

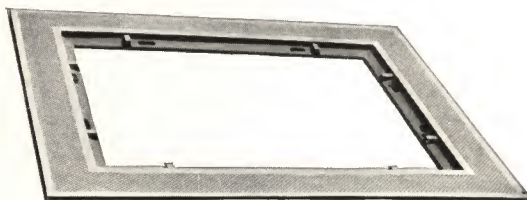
Register Faces—Cold Air (Continued)



Style W (Wood)

List Price \$1.00 a square foot
Made in all Standard Sizes.

Borders, Cast Iron



Style B

SECTION



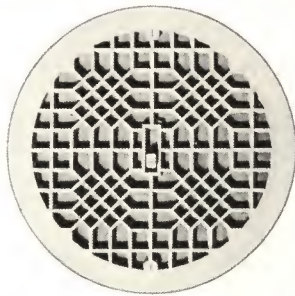
LIST PRICES

(Sizes given are those most often used. Complete list on application.)

Size of Opening	Black	Oxidized Copper	Dull Brass or Nickel Plate	Floor Opening C See Note Below
6x 8	\$1.15	\$2.40	\$3.00	9 9/16 x 11 9/16
6x10	1.20	2.60	3.60	9 9/16 x 13 9/16
7x10	1.25	2.70	3.80	10 7/8 x 13 9/16
8x 8	1.20	2.60	3.65	11 7/8 x 11 7/8
8x10	1.25	2.75	3.90	11 7/8 x 13 7/8
8x12	1.50	3.25	4.40	11 7/8 x 15 7/8
9x12	1.65	3.55	5.00	13 1/8 x 16 1/8
9x14	2.15	4.25	5.95	13 1/8 x 18 1/8
10x10	1.70	3.70	5.20	14 1/8 x 14 1/8
10x12	1.75	3.75	5.35	14 1/8 x 16 1/8
10x14	2.20	4.30	6.00	14 1/8 x 18 1/8
10x16	2.95	5.30	7.20	14 1/8 x 20 1/8
12x14	2.80	5.35	7.35	16 1/8 x 18 1/8
12x15	2.90	5.40	7.60	16 1/8 x 19 1/8
12x16	3.50	6.15	8.25	16 1/8 x 20 1/8
14x16	4.30	7.30	11.00	18 1/8 x 20 1/8
14x18	4.50	7.50	12.15	18 1/8 x 22 1/8
14x20	4.80	8.50	12.75	18 1/8 x 24 1/8
14x22	5.00	9.00	13.50	18 1/8 x 26 1/8
16x20	6.10	10.30	14.00	20 1/8 x 24 1/8
16x24	7.00	12.00	17.10	20 1/8 x 28 1/8
18x36	17.25	26.00	28.00	22 1/8 x 40 1/8
20x24	8.60	14.80	21.70	25 1/8 x 29 1/8
20x26	9.50	17.50	22.00	25 1/8 x 31 1/8
20x30	13.50	23.50	26.00	25 1/8 x 35 1/8
20x36	18.50	28.50	31.50	25 1/8 x 41 1/8
24x30	17.25	28.25	32.00	29 1/8 x 35 1/8
24x36	22.00	34.25	36.50	29 1/8 x 41 1/8
30x30	21.50	34.00	41.00	35 1/8 x 35 1/8
30x36	28.50	41.00	48.00	35 1/8 x 41 1/8

Cast Borders can be furnished flat on the back without the rib "C" in which case they are Style BR.

Registers, Round for Floor, Wall or Ceiling

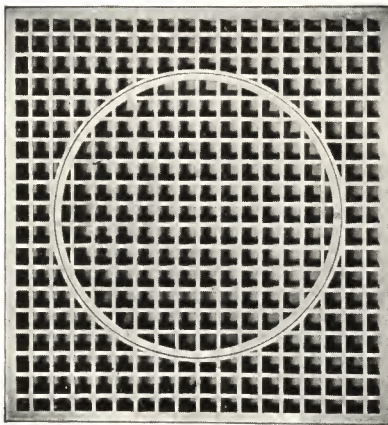


Style OO (Cast Iron, Indian Lattice)

LIST PRICES

Size of Opening Inches	Black Japan			White Japan		Oxidized Copper		Dull Brass or Nickel Plate	
	Register	Face	Border	Register	Face	Register	Face	Register	Face
6	\$1.50	\$.90	\$1.15	\$1.80	\$1.20	\$2.70	\$2.10	\$3.00	\$2.40
7	1.55	1.00	1.20	1.90	1.35	2.90	2.35	3.50	2.95
8	1.60	1.05	1.20	1.95	1.40	3.00	2.45	3.70	3.15
9	2.00	1.40	1.60	2.40	1.80	3.90	3.30	4.90	4.30
10	2.35	1.65	1.70	2.85	2.15	4.35	3.65	5.35	4.65
12	4.00	2.70	2.70	4.80	3.50	6.35	5.05	7.90	6.60
14	7.90	4.05	4.05	9.45	5.60	11.00	7.15	14.30	9.60
16	11.00	5.10	5.10	12.20	6.20	15.00	9.10	19.75	12.80
18	18.50	7.20	7.20	20.35	9.05	23.75	12.45	26.00	16.50
20	19.75	8.00	8.00	21.75	10.00	24.75	13.00	32.40	21.20
24	30.00	12.00	12.00	33.00	15.00	40.00	22.00	49.00	32.50
28	44.00	19.00	19.00	48.40	23.40	57.50	32.50	72.00	48.00
30	49.00	21.50	21.50	53.90	26.40	65.00	37.00	85.00	56.00
36	80.00	35.00	29.50	88.00	43.00	105.00	60.00	127.00	83.00

Duplex Gratings for Pipeless Furnaces



Style D

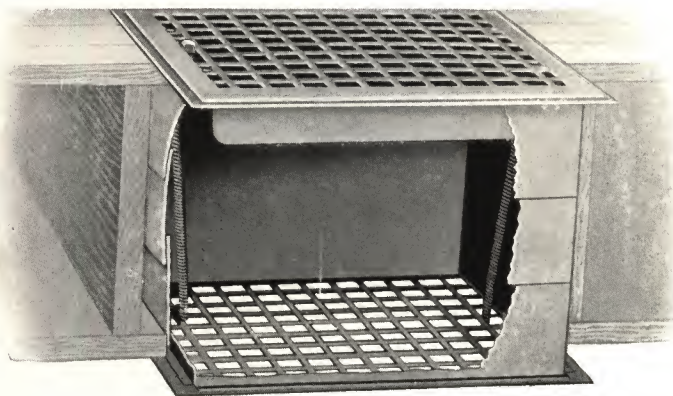
LIST PRICES

Opening Size	Approximate Extreme Size	Size Collar	Black Japan	Oxidized Copper
20x22	22x24	14	\$22.00	\$27.00
22x24	24x26	16	25.00	30.50
24x27	26x29	18	30.00	36.00
29x29	31x31	20	39.00	45.00
29x29	31x31	22	39.00	45.00
30x30	32x32	22	39.00	45.00
30x36	32x38	24	43.50	52.00
33x33	35x35	24	43.50	52.00
34x34	36x36	26	44.00	52.50
35x35	37x37	26	48.00	56.50
36x36	38x38	28	52.00	61.00
40x40	42x42	30	68.50	80.00
45x45	47x47	36	90.00	105.00

Style D is Cast Iron. Manufactured in two pieces, the square outside part and the round center part, which allows easy setting. Furnished with sufficiently wide rims so that rabbet, if used, need not be accurate. Each grating crated separately.

Adjustable Ventilators

For Admitting to Second Floor Surplus Heat from First Floor



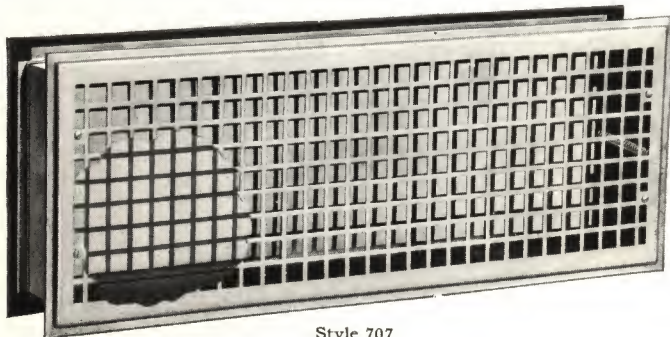
Style 77

Each Ventilator consists of a Black Floor Register, a White Ceiling Register Face and a tin box, which is adjustable from 7 to 12 inches in depth.

LIST PRICES, STYLE 77

Size of Opening	List Price	Size of Opening	List Price
8x10	\$4.40	10x14	\$7.60
8x12	4.80	12x14	10.00
9x12	5.40	12x15	10.40
10x12	6.40	14x16	17.00

For use to secure circulation of air between rooms on the same floor, usually installed over the door.



Style 707

Each Ventilator consists of two white steel faces and a tin box adjustable from 4 to 8 inches.

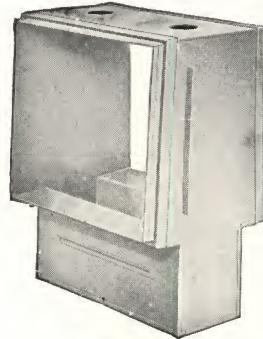
LIST PRICES, STYLE 707

Size of Opening	List Price	Size of Opening	List Price
8x24	\$7.60	10x30	\$9.50
8x30	8.50	12x24	9.00
10x24	8.30	12x30	10.50

Heads, For Baseboard Registers



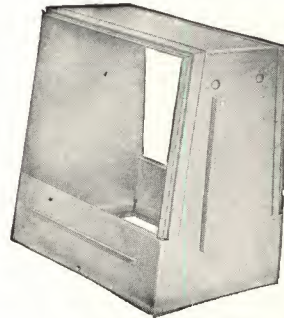
Style H4
For One Register
(Second floor)



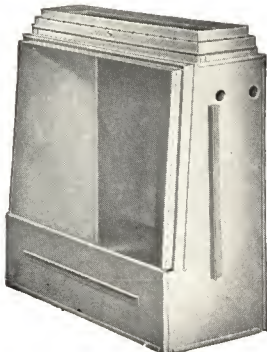
Style H5
For Two Registers
(Second floor)



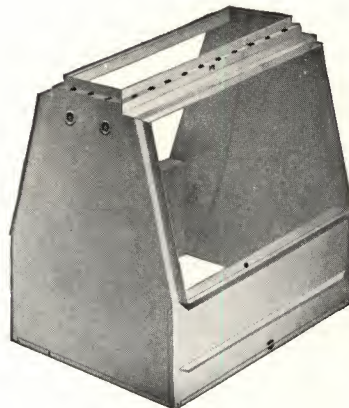
Style H1
For One Register
(First floor)



Style H2
For Two Registers
(First floor)



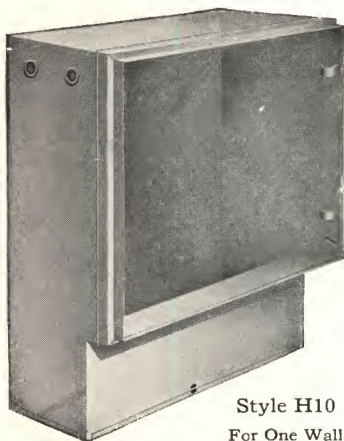
Style H3
For one Register
(First floor, with extension)



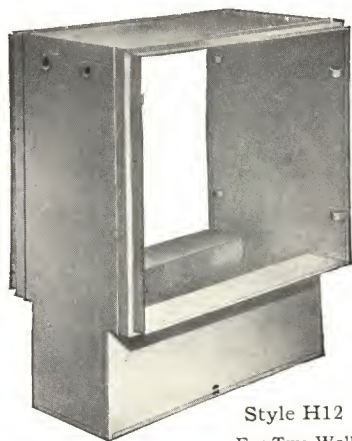
Style H6
For Two Registers
(First floor, with extension)

Note.—Above cuts show double-pipe fittings. We can furnish single-pipe fittings also. Use same style numbers but specify "Single-pipe."

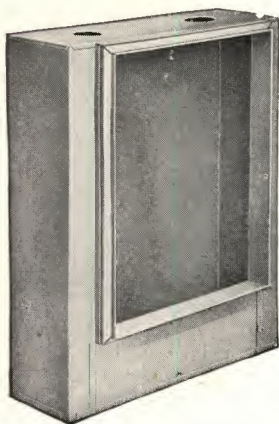
Heads, For Wall and Floor Registers



Style H10
For One Wall
Register



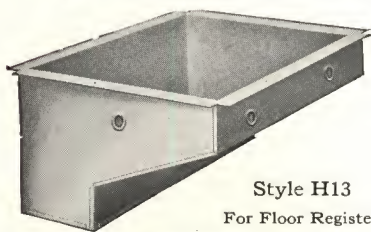
Style H12
For Two Wall
Registers



Style H10V
Vertical for One Wall
Register



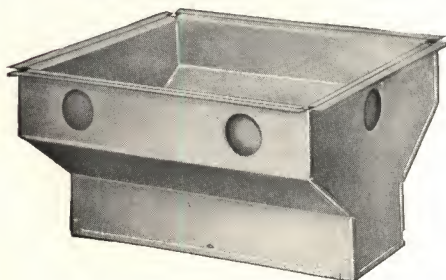
Style H12V
Vertical for Two Wall
Registers



Style H13
For Floor Register



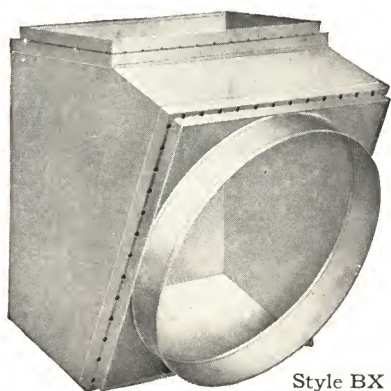
Style H11
Floor Register Pan



Style H14
For Floor Register

Note.—Above cuts show double-pipe fittings. We can furnish single-pipe fittings also. Use same style numbers but specify "Single-pipe."

Boots



Style BX



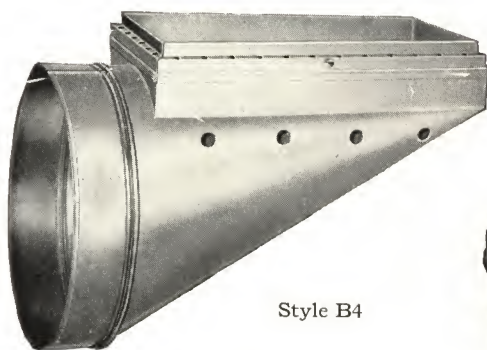
Style B1



Style B2



Style B3



Style B4



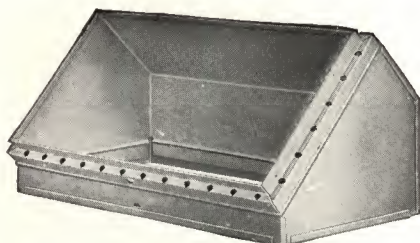
Style
B5

In ordering Boots specify size of Round Collar required.

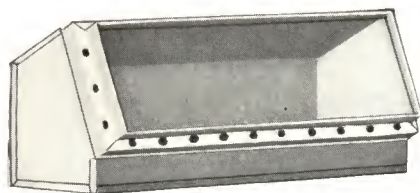
Note.—Above cuts show double-pipe Boots for Baseboard Registers. We can furnish these also to fit regular Stack. Both Baseboard and Regular Stack Boots can be furnished in single-pipe fittings if so specified on order.

Angles For Baseboard Registers

See page 110 for Angles for Regular Stack

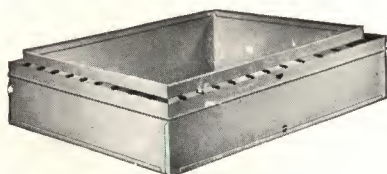


Style A45



Style A66

Extension Pieces for Baseboard Registers

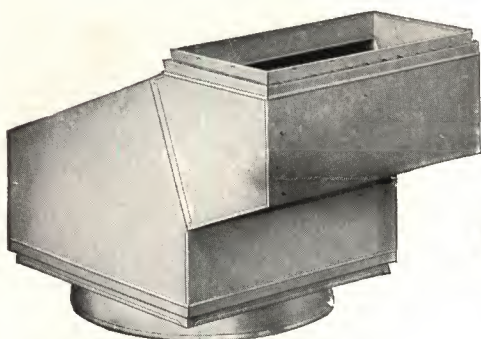


Style P2
(Two-Inch Extension Piece)

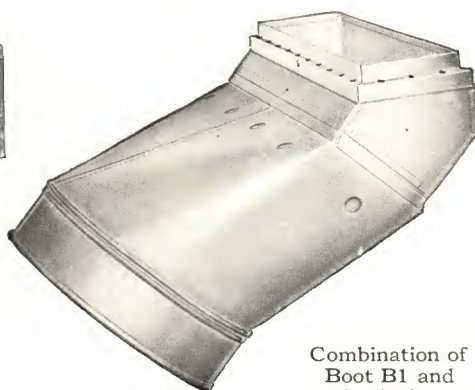


Style P6
(Six-Inch Extension Piece)

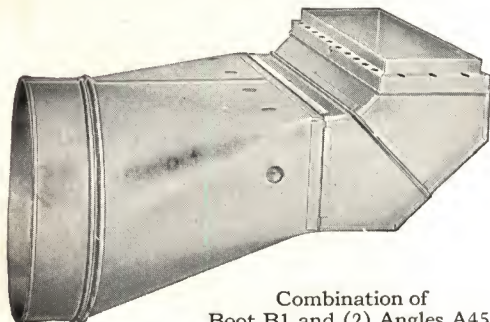
Combination (Boots and Angles)



Combination of
Boot BX and
Angle A66



Combination of
Boot B1 and
Angle A45

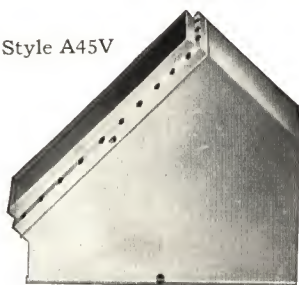


Combination of
Boot B1 and (2) Angles A45

Note.—Above cuts show double-pipe fittings for Baseboard Registers. We can furnish these also to fit regular Stack. Both Baseboard and regular Stack fittings can be furnished in single-pipe fittings if so specified on order.

Angles, For Regular Stack

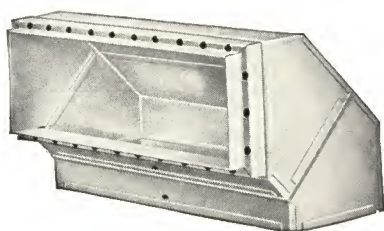
Style A45V



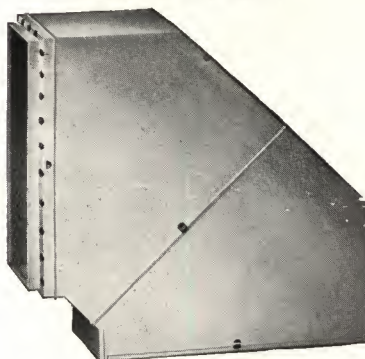
Style A45



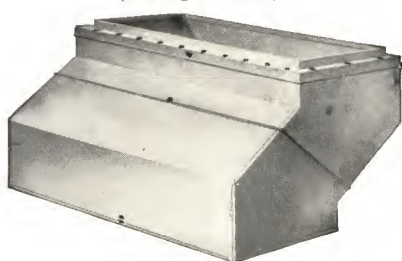
Two Style A45
(Making One Style A90)



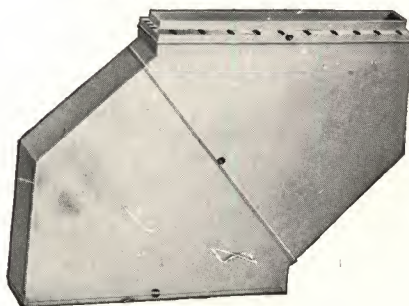
Two Style A45V
(Making One Style A90V)



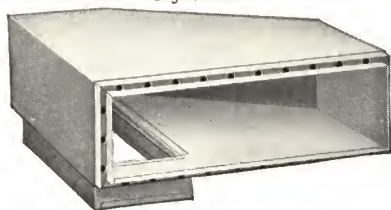
Two Style A45
(Making an Offset)



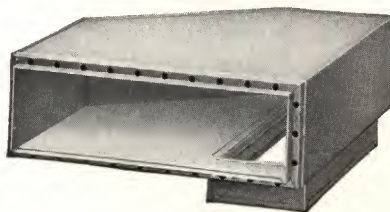
Two Style A45V
(Making an Offset)



Style A1



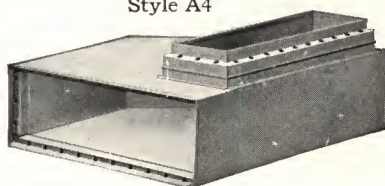
Style A2



Style A3

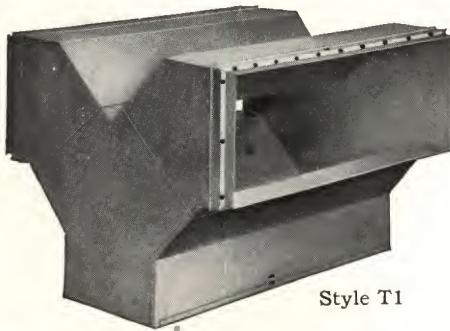


Style A4

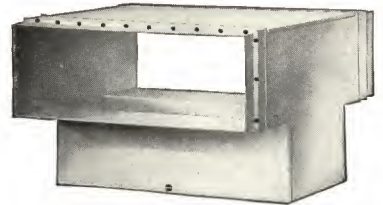


Note.—Above cuts show double-pipe Angles to fit regular stack. All these angles can be furnished in single-pipe fittings if so specified on order.

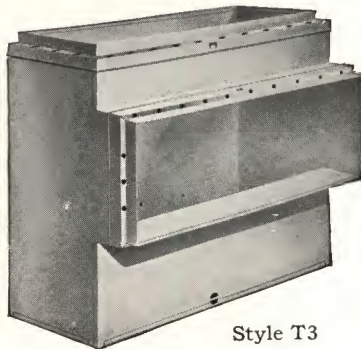
Tees For Regular Stack



Style T1



Style T2



Style T3



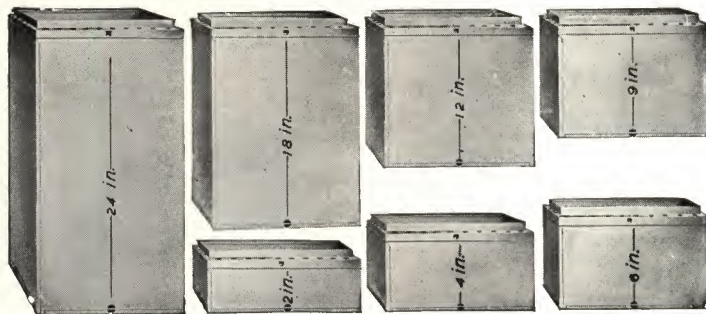
Style T4

Above cuts show double-pipe Tees to fit regular Stack. All these Tees can be furnished in single-pipe fittings if so specified on order.

Stack Pieces

DOUBLE PIPE (FOR WALL) LIST PRICES

Size No.	Outside Dimensions	Inside Dimensions	P2	P4	P6	P9	P12	P18	P24	56-Ft. Crate
7	3 5/8 x 10 5/8	3 x 10	.38	.45	.60	.68	.84	1.14	1.50	44.42
7 1/2	3 x 12 5/8	2 3/8 x 12	.54	.60	.76	.84	.98	1.36	1.80	53.84
8	3 5/8 x 12 5/8	3 x 12	.54	.60	.76	.84	.98	1.36	1.80	53.84
9	3 5/8 x 13 5/8	3 x 13	.60	.76	.90	.98	1.28	1.58	2.10	61.76



56-ft. crates contain the following assortment: 2-2"P, 2-4"P, 4-6"P, 2-9"P, 4-12"P, 5-18"P, and 20-24"P sections of Double Pipe.

SINGLE PIPE

Size Number	Size	List Prices in P24 Sections	
		K. D. or Nested	Made Up
6	3 x 10	.36 per ft.	.38 per ft.
7	3 1/2 x 10	.38 " "	.40 " "
7 1/2	3 x 12	.40 " "	.42 " "
8	3 1/2 x 12	.42 " "	.44 " "
9	3 1/2 x 13	.44 " "	.46 " "

Wire—Standard Sizes

Black and Galvanized Annealed Wire in 12 lb. Stones
Coppered and Galvanized Soft Basic Wire
In Coils of 100 lbs. each

Standard Sizes of Wire by Stub's Wire Gauge
With Diameters in Decimal Parts of an inch

Sizes of Wire

Full Sizes of Plain Wire		American Steel & Wire Company's STEEL WIRE GAUGE No.
		1
		2
		3
		4
		5
		6
		7
		8
		9
		10
		11
		12
		13
		14
		15
		16
		17
		18
		19
		20

Regular sizes always in stock.

Lowest Market Prices



FLAT AND ROUND HEAD

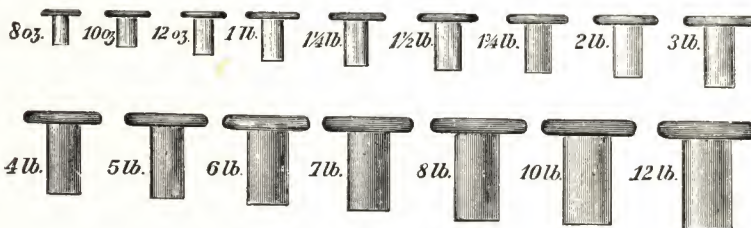
Stove Bolts

LIST PRICE PER HUNDRED



LENGTH	5-32 3-16	1-4	LENGTH	5-32 3-16	1-4
$\frac{3}{8}$ inch.....	\$.85	\$1.20	2 $\frac{1}{4}$ inch	\$1.25	\$1.70
$\frac{1}{2}$ inch.....	.85	1.20	2 $\frac{1}{2}$ inch	1.30	1.80
$\frac{5}{8}$ inch.....	.85	1.20	2 $\frac{3}{4}$ inch	1.40	1.90
$\frac{3}{4}$ inch.....	.85	1.20	3 inch	1.50	2.00
$\frac{7}{8}$ inch.....	.90	1.25	3 $\frac{1}{4}$ inch	1.60	2.10
1 inch.....	.90	1.30	3 $\frac{1}{2}$ inch	1.70	2.20
1 $\frac{1}{8}$ inch.....	.95	1.35	3 $\frac{3}{4}$ inch	1.80	2.30
1 $\frac{1}{4}$ inch.....	1.00	1.40	4 inch	1.90	2.40
1 $\frac{3}{8}$ inch.....	1.05	1.45	4 $\frac{1}{4}$ inch	2.00	2.50
1 $\frac{1}{2}$ inch.....	1.10	1.50	4 $\frac{1}{2}$ inch	2.10	2.60
1 $\frac{3}{4}$ inch.....	1.15	1.55	4 $\frac{3}{4}$ inch	2.20	2.70
2 inch.....	1.20	1.60			

Tinners' Rivets



IN PACKAGES OF 1000. PRICE PER 1000.

SIZE	BLACK	TIN PLATED
6 oz.	\$.28	\$.30
8 "	.32	.36
10 "	.36	.40
12 "	.41	.46
14 "	.45	.50
1 lb.	.48	.54
1 $\frac{1}{4}$ "	.54	.62
1 $\frac{1}{2}$ "	.62	.71
1 $\frac{3}{4}$ "	.67	.78
2 "	.72	.84
2 $\frac{1}{2}$ "	.83	.98
3 "	.96	1.14
3 $\frac{1}{2}$ "	1.09	1.30
4 "	1.20	1.44
5 "	1.30	1.60
6 "	1.50	1.86
7 "	1.75	2.17
8 "	2.00	2.48
9 "	2.20	2.74
10 "	2.40	3.00
12 "	2.64	3.36
14 "	3.08	3.92
16 "	3.52	4.48

Sheet Metal Screws

Parker-Kalon

Hardened

Sheet Metal Screws



are steel Screws designed expressly for sheet metal work. They are threaded and hardened in such a manner as to enable them to cut into sheet metal without stripping their threads.

They cut into the metal like a tap and once screwed home, they make as good a fastening as a stove bolt or a rivet. Vibration can't work them loose.

Made with round and flat heads in the following sizes:

No. 6x $\frac{3}{8}$ " ($\frac{3}{32}$ "x $\frac{3}{8}$ ")

No. 7x $\frac{1}{2}$ " ($\frac{1}{8}$ "x $\frac{1}{2}$ ")

No. 10x $\frac{3}{4}$ " ($\frac{3}{16}$ "x $\frac{3}{4}$ ")

No. 10x1 $\frac{1}{4}$ " ($\frac{3}{16}$ "x1 $\frac{1}{4}$ ")

No. 14x $\frac{7}{8}$ " ($\frac{1}{4}$ "x $\frac{7}{8}$ ")

No. 14x1 $\frac{1}{2}$ " ($\frac{1}{4}$ "x1 $\frac{1}{2}$ ")

Packed 1 gross or 1,000 of a size to the box.



Zinc Roses or Sprinkler Heads

WITH TIN BASE

	Per Doz.
No. 000, $1\frac{7}{16}$ inch.....	\$.....
No. 00, $1\frac{3}{4}$ inch.....
No. 0, $2\frac{5}{16}$ inch.....
No. 1, $2\frac{15}{16}$ inch.....
No. 2, $3\frac{5}{8}$ inch.....
No. 3, $4\frac{5}{16}$ inch.....



Can Screws

(UNLINED)

Per Gross	Zinc	Tin
$\frac{1}{2}$ inch.....	\$6.10	\$3.20
$\frac{3}{4}$ inch.....	7.60	3.60
1 inch.....	9.65	4.30
$1\frac{1}{4}$ inch.....	12.15	5.30
$1\frac{1}{2}$ inch.....	16.20	6.90
$1\frac{3}{4}$ inch.....	20.20	9.40
2 inch.....	22.25	11.50

Discount.....Per Cent.

Brass Can Screws

(UNLINED)

Per Gross	Per Gross
$\frac{1}{2}$ inch.....\$10.10	$1\frac{1}{2}$ inch.....\$23.70
$\frac{3}{4}$ inch.....12.10	$1\frac{3}{4}$ inch.....34.20
1 inch.....16.65	2 inch.....38.25
$1\frac{1}{4}$ inch.....21.15	

Discount.....Per Cent

Flat Zinc Screws



WRITE FOR PRICES

	Per Gross
2 ".....	\$.....
$2\frac{1}{2}$ ".....
3 ".....
4 ".....
5 ".....
6 ".....

Paint



York Corrugating Company's Out Door Paint is an Economical, Durable and Smooth Working Paint.

For use on barns, fences, bridges, shingle and metal roofs, for general use around factories, warehouses, etc.

This paint will be found of superior quality and unsurpassed by any paint made for similar purposes. It dries with a glossy surface.

Put up in 1 and 5 gal. cans, bbls. and half bbls.

Paste Paint

York Oxide (Ground in pure linseed oil). Put up in 25 lb. cans.

Roofing Cement

Our Own Special Brand.



Faultless Plastic Roofing Cement

A permanent weatherproof and waterproof composition for repairing leaks in metal, wood or slate roofs, also gutters, flashings, water troughs, boats, etc. Faultless roofing cement is made of the best materials; is not affected by the weather, will not dry and crack, but becomes a rubberlike substance which is practically indestructible. Contains no substances injurious to metals.

This cement will work in the presence of moisture; however, the best results are to be obtained by having the surface to be repaired dry and clean. The cement is soft and pliable and should be spread evenly with a trowel or putty knife. It may be used for sealing cracks, crevices and leaks in all building materials.

Put up in 1 lb., 10, 25 and 50 lb. cans, bbls. and half bbls.

Faultless Liquid Roof Coating

Offers a quick, easy method of applying an impervious coating in one operation equal to four coats of paint in thickness.



Only the one coat is required, even on the oldest surface

Extractor for Faultless Cement

This faucet is specially made for extracting Faultless Cement from barrels. It is strongly made and saves time and money.



Pecora Roof Cement

A rubber-like elastic paste for use in bedding or laying slate tyle and metal roofs of all kind. Unequalled for repairing leaks in tin roofs, gutters and chimney joints. Will not crack or run.

Anchor Cold Water Paste

for applying Asbestos paper, etc.

Can instantly be prepared by adding cold water. Requires no boiling. 10 lb. cans only. Price per lb.\$.....

New Rutland Asbestos Stove Lining



The best stove clay made for lining stoves, ranges, furnaces, also for making repairs to broken or cracked linings, and for like uses. Has given satisfaction to the trade for years.

No. 10 packages (10 lbs.) each...\$.....

No. 6 packages (6 lbs.) each...\$.....

No. 3 packages (3 lbs.) each...\$.....

Barrel lots from factory, 350 to 450 lbs., per lb.....\$.....



Pecora Furnace Cement

5, 10 and 25 Pound Cans.

Will not become porous, shrink, crumble or crack.

Rutland Asbestos Furnace Cement



Black and White

The strongest and most durable cement in use for "setting up" and repairing broken points in Furnaces, Ranges, Heaters, Stoves, etc. It is prepared ready for use, adheres readily and firmly to castings, tin, etc., and "sets" in a few hours.

When subjected to heat, it vitrifies without shrinking or becoming porous. It is invaluable for lining Furnace Doors of Steam Boilers.

1, 5, 10, 25, and 50 lb. pails.

Security Milk Cans

Ohio and New York Patterns



Ohio Pattern

OHIO PATTERN Specification

Number	Capacity	Neck Diam.	Average Weight* Fitted with No. 1 Cover
O 620	20 qts.	6 $\frac{3}{16}$ ins.	11 $\frac{1}{2}$ lbs.
O 632	32 qts.	6 $\frac{3}{16}$ ins.	16 lbs.
O 640	40 qts.	6 $\frac{3}{16}$ ins.	18 lbs.
O 732	32 qts.	7 $\frac{1}{4}$ ins.	16 lbs.
O 740	40 qts.	7 $\frac{1}{4}$ ins.	18 lbs.

*If fitted with No. 2 Cover for average weight deduct one pound.

Side Seam—Riveted and soldered inside and outside.

Breast, Neck and Cover—Separately tinned before assembling.

Body and Bottom—Made of heavily coated Charcoal Bright Tin Plate.

Handles—Hollow tubular handles.

Covers—Fitted with No. 1 (umbrella) or with No. 2 (sunken) style.

Cover Illustration—See page 121.

Carload Weight—Minimum 16000 lbs.



New York Pattern

NEW YORK PATTERN Specification

Number	Capacity	Neck Diam.	Average Weight* Fitted with No. 1 Cover
N 620	20 qts.	6 $\frac{3}{16}$ ins.	15 $\frac{1}{2}$ lbs.
N 732	32 qts.	7 $\frac{1}{4}$ ins.	25 $\frac{1}{2}$ lbs.
N 740	40 qts.	7 $\frac{1}{4}$ ins.	27 $\frac{1}{2}$ lbs.

*If fitted with No. 2 Cover for average weight deduct one pound.

Side Seam—Welded on machines of our own design and manufacture.

Breast, Body, Bottom and Cover—Separately tinned before assembling.

Handles—Drop Handles Malleable Iron provided with rubber bumpers.

Covers—Fitted with No. 1 (umbrella) or with No. 2 (sunken) style.

Cover Illustration—See page 121.

Carload Weight—Minimum 16000 lbs.

Security Milk Cans (Continued)

Ohio and New York Patterns



Ohio Pattern

OHIO PATTERN

Important Details of Construction

A—Lock seamed and smoothly soldered.

B—Half-Oval Breast Band shrunk on to breast—smoothly soldered inside and outside.

C—Security Lock Joint—Clinching bottom to body. Joint soldered and completely sealed to exclude entrance of fluids between parts.

Heavy bottom band re-inforcing bottom and protecting Lock Joint from wear.



New York Pattern

NEW YORK PATTERN

Important Details of Construction

F—Flare and Neck—(outer thickness) drawn without seam. Breast and Neck—(inner thickness) drawn without seam. Double Neck.

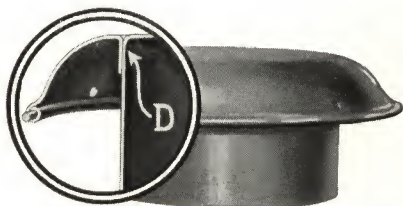
G—Heavy Half-Oval Breast Band, shrunk on to breast. Joint smoothly soldered inside and outside.

H—Security Lock Joint clinching bottom to body. Joint soldered and completely sealed to exclude entrance of fluids between parts.

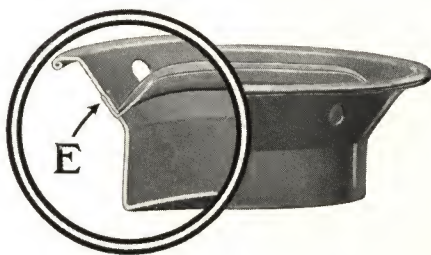
I—Special Angle Section Bottom Band. Angle rests on chime of can, protecting the bottom from shock and preventing the rivets from shearing off.

Covers for Security Milk Cans

Ohio and New York Patterns



No. 1



No. 2

¹Specifications and Important Details of Construction

Style Number	Diameter of Neck	Average Weight New York	Average Weight Ohio
1	7 $\frac{1}{4}$ ins.	3 $\frac{1}{2}$ lbs.	2 $\frac{1}{4}$ lbs.
1	6 $\frac{3}{16}$ ins.	2 $\frac{1}{4}$ lbs.	2 lbs.
2	7 $\frac{1}{4}$ ins.	2 $\frac{1}{4}$ lbs.	1 $\frac{1}{2}$ lbs.
2	6 $\frac{3}{16}$ ins.	1 $\frac{3}{8}$ lbs.	1 $\frac{1}{4}$ lbs.

No. 1 Umbrella Cover—Stopper drawn from one piece without seam and without any crevices. The umbrella top is electric welded to stopper and soldered at point D.

No. 2 Sunken Cover—Stopper drawn from one piece without seam and without crevice. Handle locked into cover at point E.

20 qts. liquid measure known as 42 lbs. capacity
 20 qts. dry measure known as 50 lbs. capacity
 30 qts. liquid measure known as 65 lbs. capacity
 30 qts. dry measure known as 75 lbs. capacity
 40 qts. liquid measure known as 85 lbs. capacity
 40 qts. dry measure known as 100 lbs. capacity
 20 qts. dry measure equivalent to 23 qts. liquid measure
 30 qts. dry measure equivalent to 34 $\frac{1}{2}$ qts. liquid measure
 40 qts. dry measure equivalent to 46 qts. liquid measure
 Extra lids can be furnished.

One-Piece Culvert

One-Piece Galvanized Riveted Corrugated Metal Culverts have been extensively used and found so consistently satisfactory for Public Roads and Highways, Steam and Electric Lines, that this form of culvert is usually considered as standard.

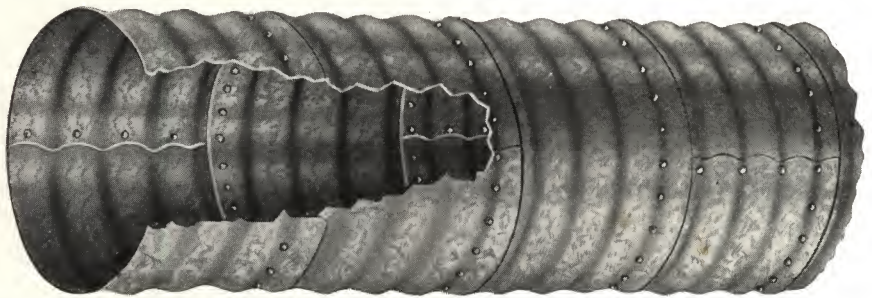
Our One-Piece Culverts are very heavily coated with the purest and cleanest of Zinc Spelter insuring long service, economy and absence of troublesome repairs.

Construction One-Piece Riveted Culvert

Consists of a perfectly rounded culvert formed from sheets which are corrugated extremely deep to give the greatest possible strength in culvert construction.

The Boiler Form Construction is employed, making all our Culverts full inside diameter.

To produce additional strength we overlap the side seams, making double thickness of metal at the seams through the entire length of the culvert. The end corrugation of each section laps over and locks into the end corrugation of the adjoining section.



Rivets are placed in the valley of each corrugation in a straight single row along the side seams, and at equal distances around the circumference where one section joins another, making practically a water-tight joint.

The sections are put together with broken joints:—that is, the line of rivets is not continuous throughout the pipe, but comes on opposite sides of the pipe in each connecting section, so that the strength is evenly distributed over the entire culvert. There is a continuous unbroken line of circumference, and no flange to interfere when filling in and tamping; the corrugations form complete circular ribs of great strength.

One-Piece Culverts are made in any lengths required, not to exceed 36 feet for carload shipments.

Local shipments must necessarily be made in shorter lengths for loading in side door box cars; i. e., 10" to 24" diameter in about 16-ft. sections and 24" and larger diameters in sections of 10 to 12-ft., depending upon the diameter.

Local shipments of Culverts when too large to load in side door box cars must be shipped on flat or gondola cars. The freight charges will be not less than for 5,000 pounds for each shipment at the first class rate of freight.

The Connecting Band

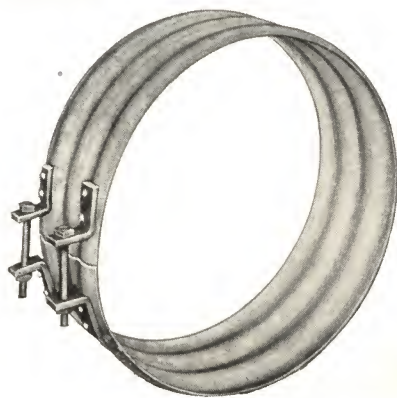
For joining sections longer than allowable shipping length. Any given number of sections may be joined by a **CONNECTING BAND**, making one **STRAIGHT RIGID TUBE ANY LENGTH REQUIRED**.



Our Connecting Bands and Culverts are all made from the same high grade material.

The Bands are ingeniously constructed, being drawn together by Bolts passing through Lugs, securely riveted to heavy

Corrugated Bands, which not only reinforce and strengthen the Culverts but also make them practically Water-Tight where the several sections are joined together.

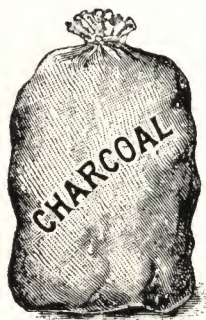


Connecting Bands can be quickly and easily adjusted and are sold at the price of one lineal foot of Culvert of the same diameter and gauge.

(Based on Kutter's Formula: N-.017)

By comparison anyone can ascertain from the table below just how much more or less one culvert carries than another. For instance, note the comparative capacity between the 12-inch and the 24-inch culverts.

Diameter Inches	Gauge	Thickness in Fraction of an Inch	Thickness in Decimal of an Inch	Area in Sq. Ft.	Shipping Weight per Foot
8	16	1-16	.0625	.349	7.77
10	16	1-16	.0625	.545	9.42
12	16	1-16	.0625	.785	11.04
15	16	1-16	.0625	1.277	13.44
16	16	1-16	.0625	1.3958	14.57
18	16	1-16	.0625	1.767	16.19
20	16	1-16	.0625	2.181	17.79
24	14	5-64	.078125	3.142	26.19
30	14	5-64	.078125	4.908	32.25
36	14	5-64	.078125	7.068	38.60
42	14	5-64	.078125	9.620	45.65
48	14	5-64	.078125	12.566	52.03
60	12	7-64	.109375	19.63	86.47
72	12	7-64	.109375	28.274	103.13



Charcoal

We carry a supply of charcoal, two bushels to the bag; also packed in cartons, for use in the old reliable fire pots.

Acid Brushes



Paint Brushes



Vulcanized in rubber

4 in.—bristles 3 ins. long

5 in.—bristles 3½ ins. long



Kant Break Ladder

Construction

Kant-Break Ladders are constructed of selected well seasoned, Edge Grain Spruce for the uprights. A No. 7 Hard Bessemer steel tinned wire grooved in full length of both sides of upright. This forms a combined truss, and adds to the rigidity and strength of upright.

Rungs of selected second growth Hickory. Each has a $\frac{1}{4}$ -inch steel rod inserted through the center.

A heavy galvanized metal cap, set in flush with upright, with an additional washer set in and bolted thereto. The rungs cannot possibly break or uprights snap.

Roller guides of wrought iron, full width of ladder.

Extension Ladders—Push-Up Style Without Rope and Pulley

Length Feet	List Price	Sections	
		Bottom Feet	Top Feet
20	\$16.00	1-10	1-10
22	17.60	1-12	1-10
24	19.20	1-12	1-12
26	20.80	1-14	1-12
28	22.40	1-14	1-14
30	24.00	1-16	1-14
32	25.60	1-16	1-16
34	27.20	1-18	1-16
36	28.80	1-18	1-18
38	32.30	1-20	1-18
40	37.20	1-20	1-20
44	40.90	1-22	1-22
48	44.65	1-24	1-24
50	46.50	1-25	1-25

52 feet to 66 feet, 3 Sections, \$1.00 per foot.

Made with both Flared or Straight Bottoms.

All orders in lengths of 30 feet and over, shipped with Flared bottom unless otherwise specified.

Extension Ladders Rope and Pulley Attachments Pendulum Self-Adjusting Lock

Length Feet	List Price	Sections	
		Bottom Feet	Top Feet
20	\$19.10	1-10	1-10
22	20.70	1-12	1-10
24	22.30	1-12	1-12
26	23.90	1-14	1-12
28	25.50	1-14	1-14
30	27.10	1-16	1-14
32	28.70	1-16	1-16
34	30.30	1-18	1-16
36	31.90	1-18	1-18
38	35.40	1-20	1-18
40	40.30	1-20	1-20
44	44.00	1-22	1-20
48	47.75	1-24	1-24
50	49.60	1-25	1-25
52	52-50	1-26	1-26

Made with both Straight or Flared bottoms.

All orders shipped Straight bottom unless otherwise specified.

We can furnish any standard make ladder.

The Seaman Safety Bracket



Advantage of Safety Bracket to Tinsmith

Designed to Save Labor, Insure Safety and make the work of all ladder users easier. The **SAFETY BRACKET** prevents the top of a ladder from sliding, rolling, or being blown over by the wind.

$\frac{5}{8}$ in. Round Arms. $\frac{3}{8}$ in. Thumb Screws. Flange $\frac{1}{4}$ in. x $1\frac{1}{2}$ in. Weight $3\frac{1}{2}$ lb. each. Span 42 inches; holds ladder out 14 inches.

Metal Ceilings

For every kind of Store Room, for Theaters and Motion Picture Show Houses and their Entrance Lobbies; for Bank Rooms, School Buildings, Dormitories, Churches, Hotels, Court Houses, City Halls or any Public Building; for Lodge Rooms, Residences, Apartment Houses, Factory Offices, Cafes, Lodging Houses, etc., etc.

There are designs to harmonize with every class of architecture and with every kind of interior.

Metal Ceilings are fireproof, ornamental, sanitary, vermin proof, dust proof, moisture proof, permanent and exceedingly economical, as compared with lath and plaster ceilings. They are fast replacing lath, plaster, and wooden ceilings, for they do not crack like plaster or warp like wood. They cannot burn, and therefore prevent spreading of flames. They never need repairs. They gather no dampness. They cannot be injured by leaks in the roofing. When soiled they are quickly and easily freshened with just soap and water. They are permanently ornamental.

Metal Ceilings are made from mild steel sheets. They weigh 65 pounds to the hundred square feet. Regular sizes of sheets are two feet in width by two feet, four feet, and eight feet long. They are shipped under fourth class freight rate.

Special Information

Extra charge will be made for material to fit areas and angles which are not in right angles, or are too small to receive standard sizes, as shown herein.

Prices quoted will not include Furring-strips or nails, and such materials will only be shipped when particularly ordered. Whenever strips are wanted we will furnish them of standard size, $\frac{7}{8}$ " x $1\frac{1}{4}$ ". No Furring-strips are required on sheathed surfaces. No double furring is necessary with our Ceiling.

All quotations include cone-head nails for applying metal and wood brackets for Cornices of depths, 4", $4\frac{1}{4}$ ", 6", $8\frac{1}{4}$ ", $9\frac{1}{2}$ ", $13\frac{1}{2}$ " and 16".

Metal Ceiling and Sidewall, crated, ready for shipment, weight approximately sixty-five pounds for each one hundred square feet, and are shipped under fourth class rate of freight.

The Wall designs, herein, show a metal baseboard which is not furnished unless especially ordered. We recommend a wood baseboard.

Metal Ceilings (Continued)

Rules for Measuring

To the actual length of ceiling to be covered, add the depth of Cornice, on each endwall. To the actual breadth of ceiling to be covered add the depth of Cornice on each sidewall. The actual Metal Ceiling required is found by multiplying these two results. For instance—Length of room, 62' plus depth of Cornice, both ends, 16" plus 16", equals 64' 8". Breadth of room 20' plus depth of Cornice, both sides, 16" plus 16", equals 22' 8". 64' 8" multiplied by 22' 8" equals 1466 square feet of Metal Ceiling required.

Deductions are allowed only for large openings of 75 sq. ft. or more, since fitting around openings is as expensive as covering them.

Beneath each combination illustrated in this catalogue is noted the depth of Cornice.

Measurements of both sides and both ends should be given as rooms are frequently out of square. Be sure to locate doors, vestibules, chimneys, and offsets, on a sketch to be sent with order or inquiry. Give the height of walls, and, separately, of the baseboard. All such fixtures as gas or electric light drops must be placed so as to conform to the drawing and arrangement of the Metal Ceilings.

Applying the Ceiling

The Field should be applied first, then the Cornice, nailing the bottom only to hold in place until Mold, Border, or Filler is applied, as the case may be.

Beginning at one corner apply the ceiling plates across and along the room, keeping the lapping edges running from the light. Each piece should be carefully lapped so the beads will be straight and true; the joints will then become invisible. The plates should be nailed at about 6 inch intervals with small cone head nails. Use a sharp punch for making nail holes where there are more than two thicknesses of metal. The filler plate is placed under the member on the ceiling side of the cornice.

Close or "swedge" with a small dull tool any joints which may not have lapped tightly owing to the lapping beads having been bent or flattened in applying.

The following is to assist ceiling erectors in estimating the quantity of furring strips for each 100 square feet of surface covered, the quantities representing the stripping for the field portion only; additional to same the necessary quantity of strips for molding, filler, and cornice must be added. The size of molding, filler, and cornice is a determining factor in the quantity required.

If strips are placed 24 inches on centers lengthwise and 24 inches on centers crosswise, each 100 square feet of metal will require 105 lineal feet of strips.

If strips are placed 24 inches on centers lengthwise and 48 inches on centers crosswise, each 100 square feet of metal will require 80 lineal feet of strips.

If strips are placed 24 inches on centers lengthwise and 96 inches on centers crosswise, each 100 square feet of metal will require 67 lineal feet of strips.

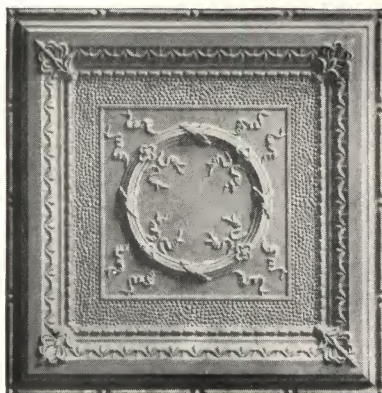
If strips are placed 12 inches on centers lengthwise and 96 inches on centers crosswise, each 100 square feet of metal will require 117 lineal feet of strips.

Metal Ceilings (Continued)



24 Inch Multiple Plate No. 200

Size of Sheets 24 inches by 72 inches
List Price \$8.50 per Square



24 Inch Multiple Plate No. 221

Size of Sheets 24 inches by 72 inches
List Price \$8.50 per Square



24 Inch Multiple Plate No. 201

Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square



24 Inch Multiple Plate No. 228

Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square

Metal Ceilings (Continued)



12 Inch Multiple Plate No. 202

Size of Sheets 24 inches by 48 inches
List Price \$8.50 per Square



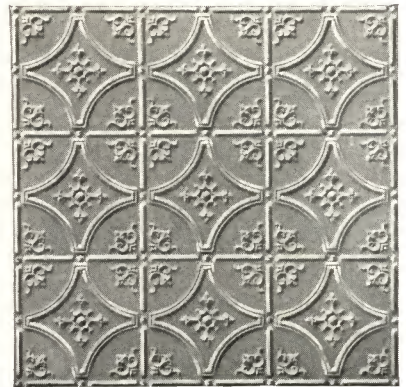
12 Inch Multiple Plate No. 203

Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square



12 Inch Multiple Plate No. 204

Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square



8 Inch Multiple Plate No. 218

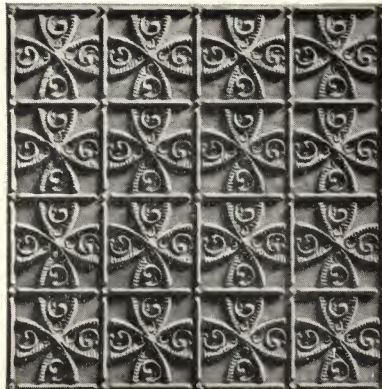
Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square

Metal Ceilings (Continued)



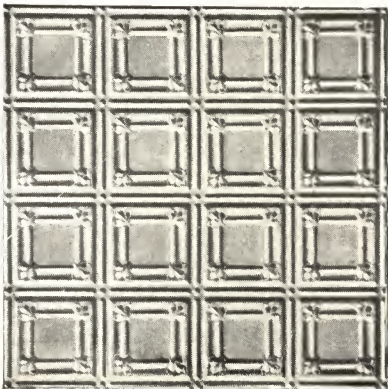
8 Inch Multiple Plate No. 224

Size of Sheets 24 inches by 72 inches
List Price \$3.00 per Square



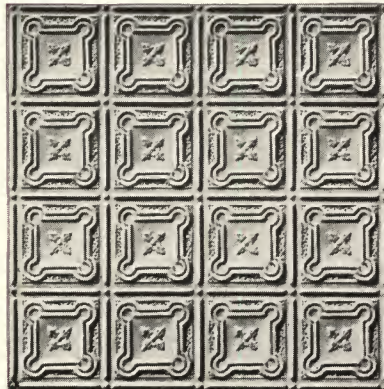
6 Inch Multiple Plate No. 205

Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square



6 Inch Multiple Plate No. 206

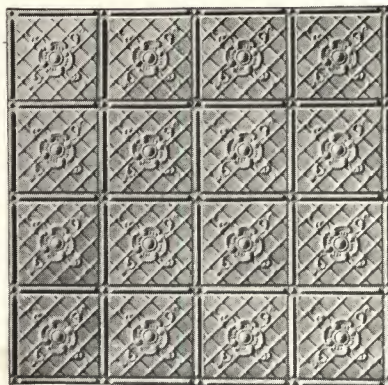
Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square



6 Inch Multiple Plate No. 222

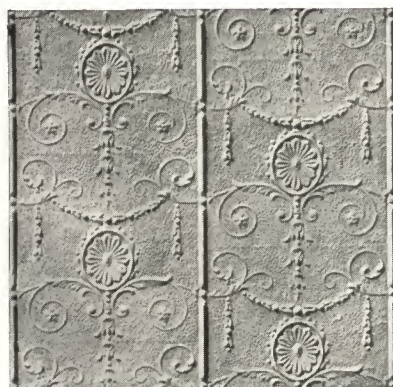
Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square

Metal Ceilings (Continued)



6 Inch Multiple Plate No. 223

Size of Sheets 24 inches by 72 inches
List Price \$8.00 per Square



Side Wall Plate No. 229

Size of Sheets 24 inches by 72 inches and
24 inches by 96 inches
List Price \$9.00 per Square



Plate No. 208

Size of Sheets 24 inches by 96 inches
List Price \$7.75 per Square



Plate No. 209

Size of Sheets 24 inches by 96 inches
List Price \$8.00 per Square

The Plates illustrated on this page can be used for Ceilings or Side Walls.

Metal Ceilings (Continued)



Filler No. 210

Size of Sheets 24 inches by 96 inches
List Price \$8.00 per Square



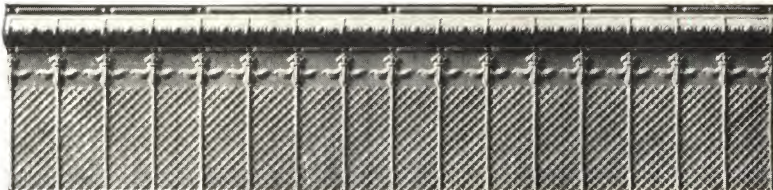
Stucco Plate No. 216

Size of Sheets 30 inches by 120 inches
List Price \$8.00 per Square



Cornice No. 212

2½ inches by 2 inches by 72 inches. No blocks furnished
List Price \$0.05 per Lineal Foot



Moulded Filler No. 230

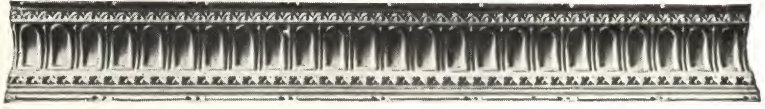
9, 12, 15 and 18 inches by 72 inches
List Price \$8.50 per Square



Filler No. 211

9, 12, 15 and 18 inches by 72 inches
List Price \$8.00 per Square

Metal Ceilings (Continued)



Cornice No. 231

4 ½ inches by 4 ½ inches by 72 inches

List Price \$0.08 per Lineal Foot. Inner and Outer Mitres \$0.50 each



Cornice No. 232

6 inches by 6 inches by 72 inches

No Mitres or Wood Brackets furnished with Cornice No. 232

List Price \$0.10 per Lineal Foot

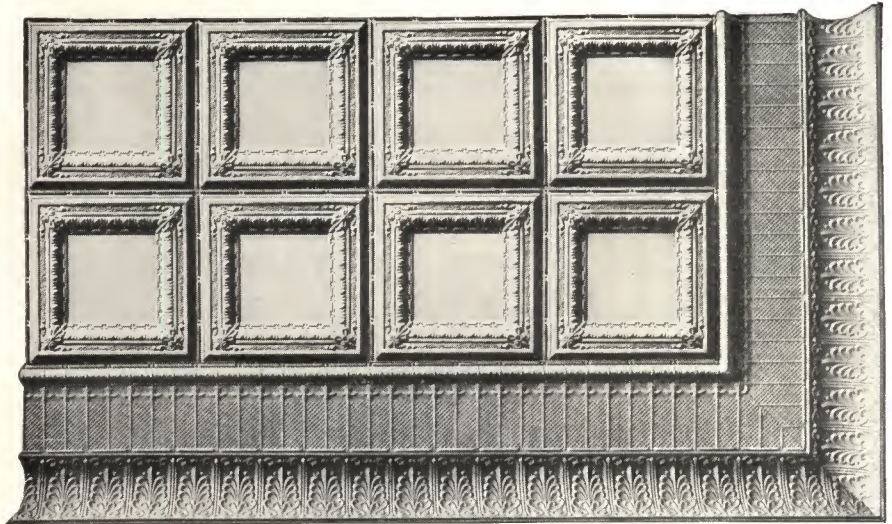


Cornice No. 213

6 inches by 6 inches by 72 inches

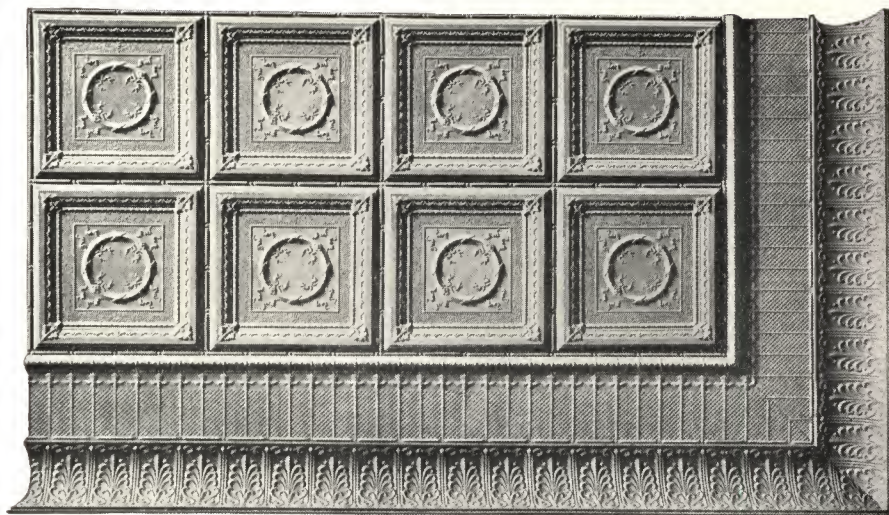
List Price \$0.10 ½ per Lineal Foot

Inner and Outer Mitres \$0.60 each

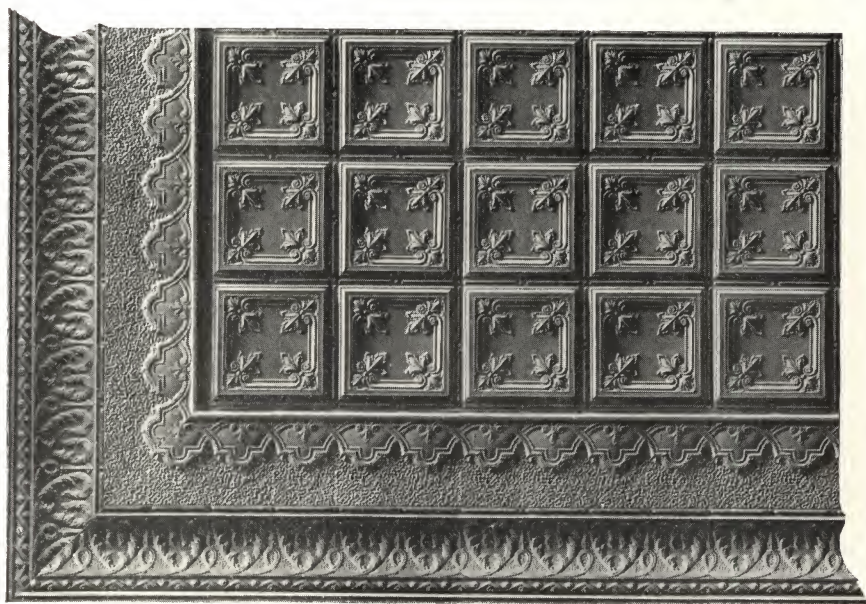


Combination Design No. 920

Metal Ceilings (Continued)

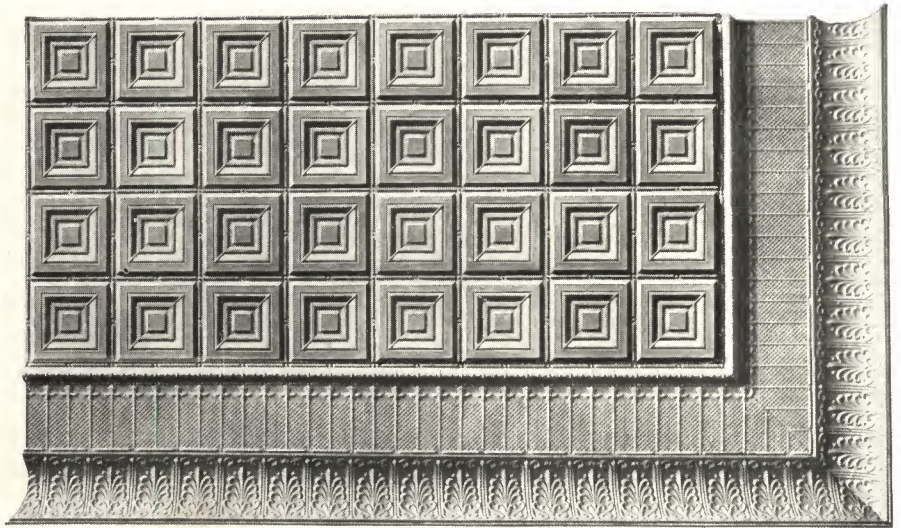


Combination Design No. 921

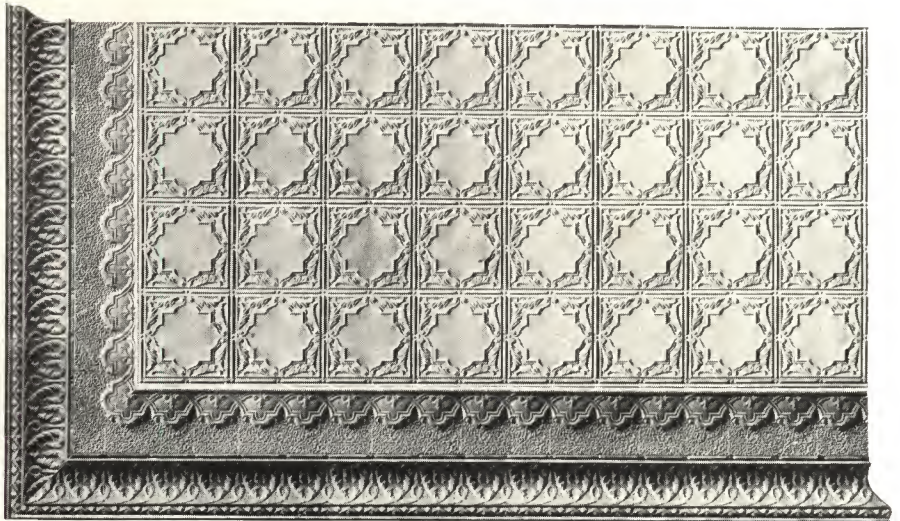


Combination Design No. 901

Metal Ceilings (Continued)

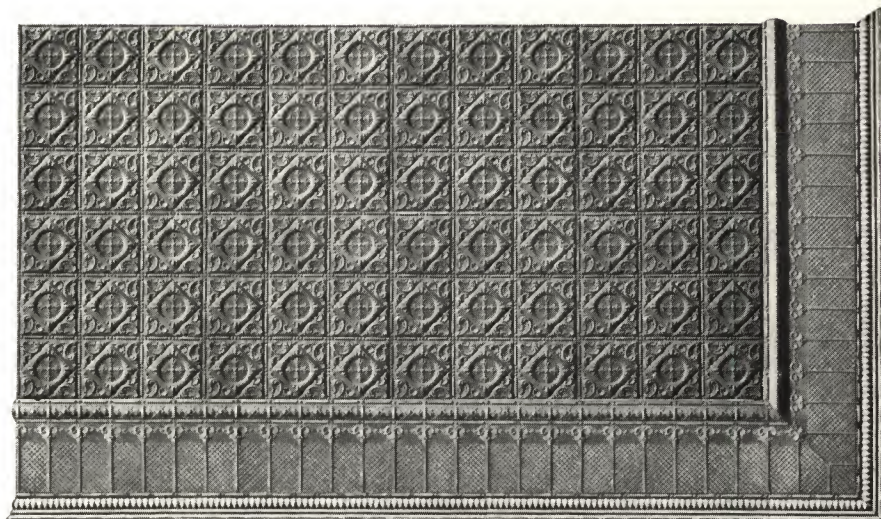


Combination Design No. 922

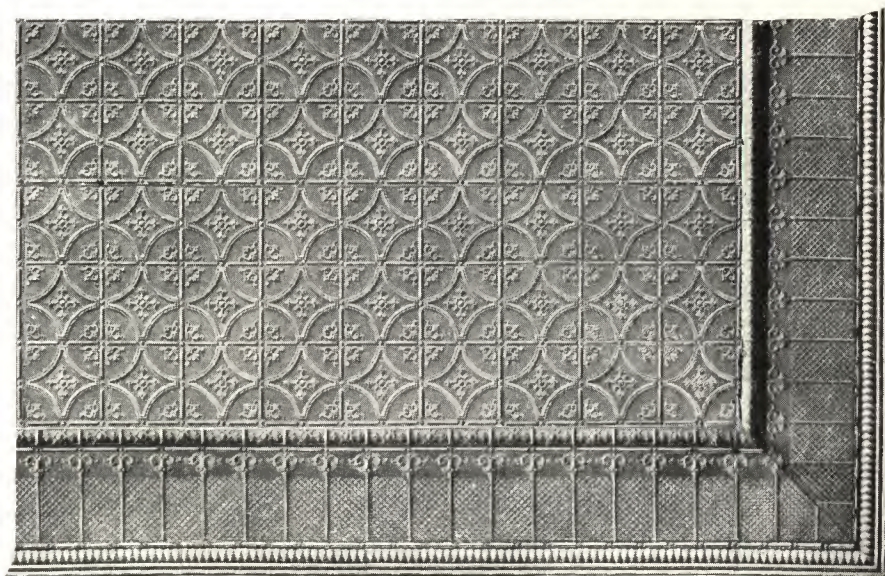


Combination Design No. 926

Metal Ceilings (Continued)

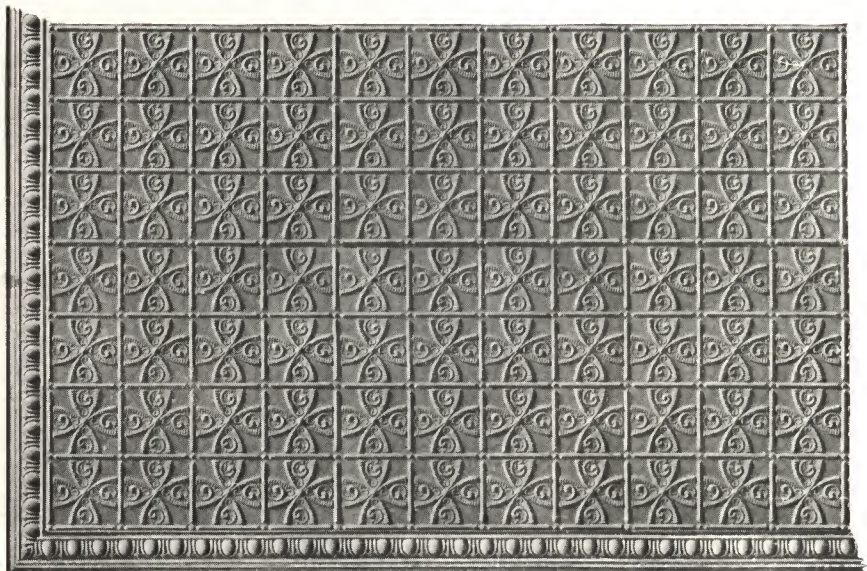


Combination Design No. 923

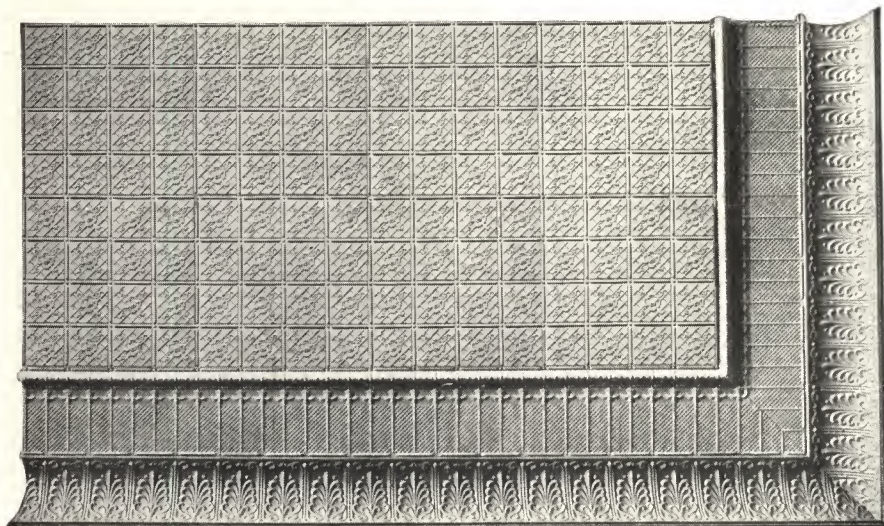


Combination Design No. 924

Metal Ceilings (Continued)

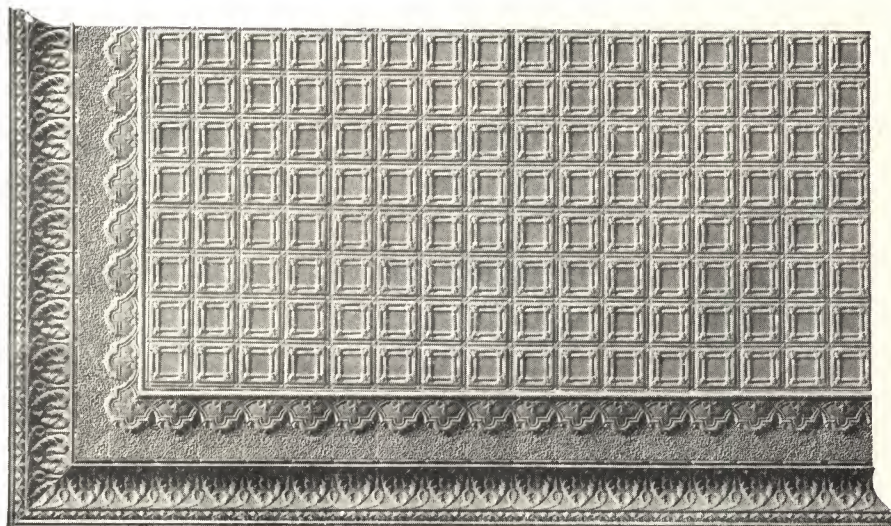


Combination Design No. 903

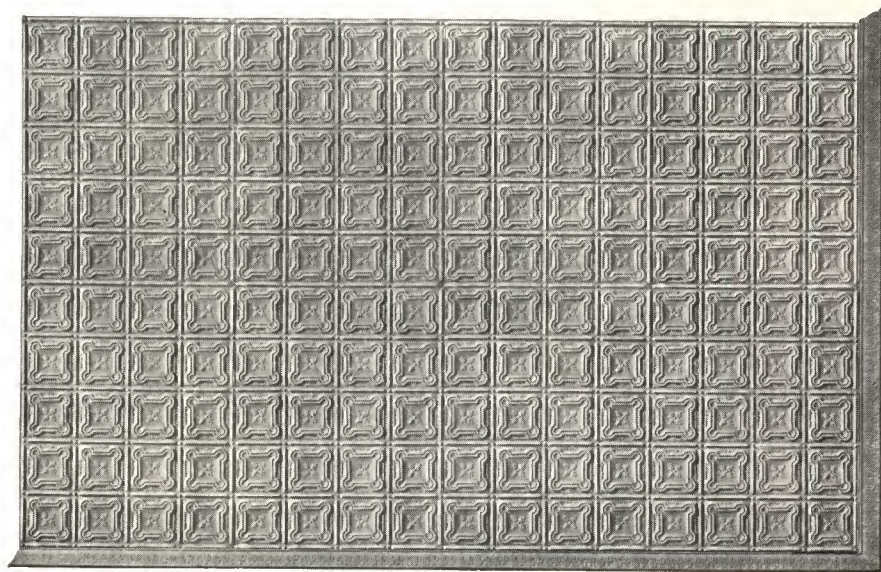


Combination Design No. 925

Metal Ceilings (Continued)



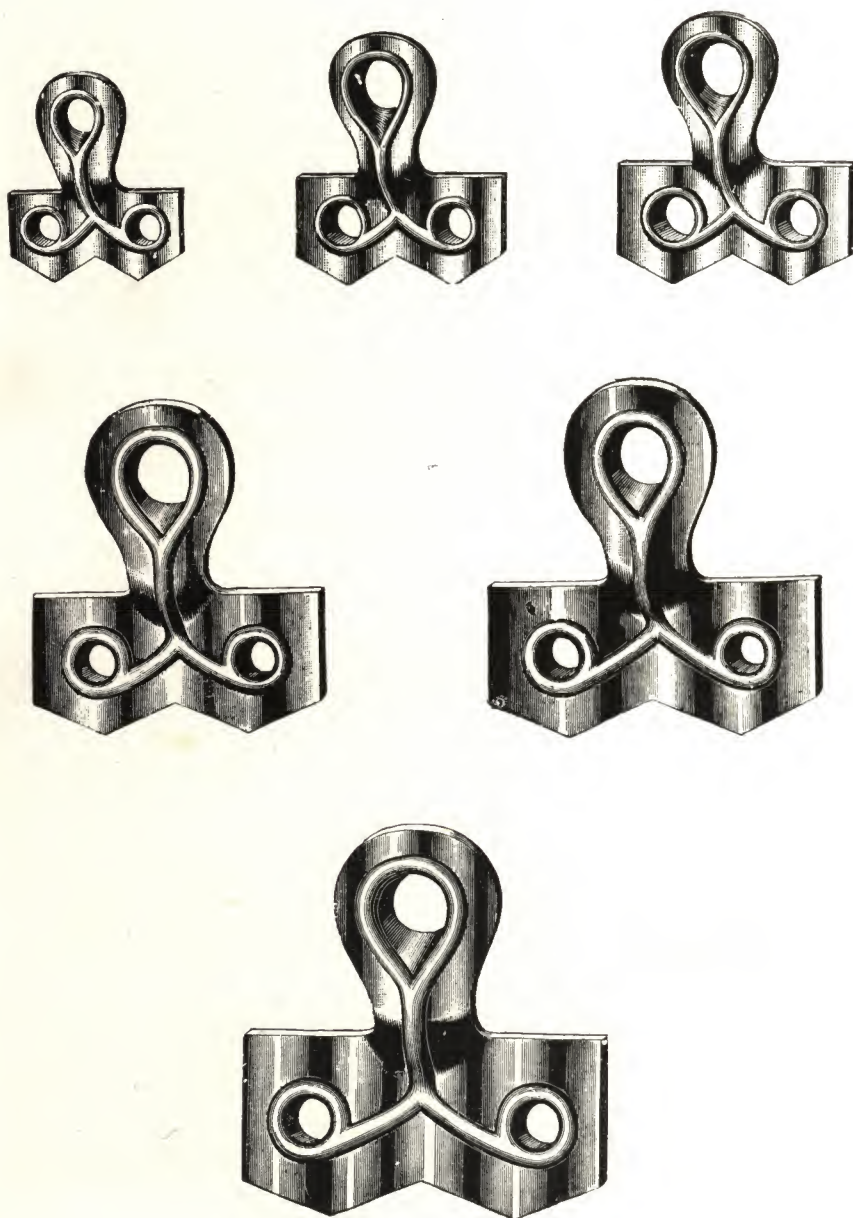
Combination Design No. 927



Combination Design No. 928

Malleable Star Ears

Countersunk Rivet Holes on underside. For Flush Rivet Heads. Cuts show actual size. Price in Gross Boxes



Tinned Kettle Ears for Pails, Coal Hods, etc.

Soldering Coppers

Drawn Copper Bolts, Forged
With Square Points for Common Use

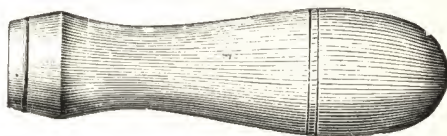


Our Coppers are made of drawn copper bolts of the highest grade quality and are shaped under a hammer. By this method they are as solid as the metal can be made, making them better heat retainers than the ordinary copper on the market cast from copper ingots.

Weight per pair	1	1½	2	2½	3	4	5	6	7	8	10	12	14
Base Price	3 lbs. per pair and heavier	per lb.	changing	market									
	2½ lbs. per pair add to base	per lb.	\$	.01									
	2 lbs. per pair add to base	per lb.		.02									
	1½ lbs. per pair add to base	per lb.		.03									
	1 lb. per pair add to base	per lb.		.06									

Packed 25 pairs in a box.

Soldering Copper Handles



Copper Handle, Wired

No. 31 Weight per dozen 34 oz. per doz.

Parker-Kalon Shur-Grip Solder Iron Handle

(Patented)

Cuts a thread on the stem of the Solder Iron as it's being screwed on.
Goes on like a nut on a bolt. Once on, it stays on. Can't get loose or come off unless it's unscrewed.

Saves time and labor. Safe and comfortable to use. Eliminates all the troubles you have with ordinary handles.

Used in thousands of shops. Try it once and you'll never use any other.

Made in three sizes:

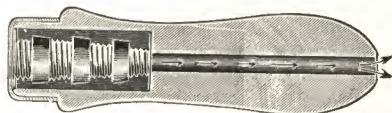
No. 7 for stem $\frac{3}{8}$ inch to $\frac{1}{2}$ inch diameter. (Generally 1½ to 4 lb. solder irons.)

No. 8 for stem 7-16 inch to 9-16 inch diameter. (Generally 4 to 8 lb. solder irons.)

No. 9 for stem $\frac{5}{8}$ inch to $\frac{3}{4}$ inch diameter. (Generally 8 to 12 lb. solder irons.)

"It Screws On"

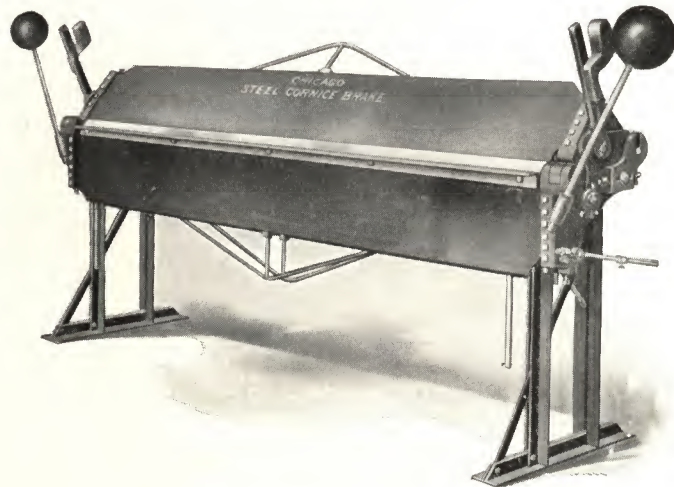
Can't split. Can't come off. Won't burn—stays cool. Will outlast six ordinary handles. Pays for itself several times over in the time and labor it saves.



Showing inside construction of the SHUR-GRIP. The heat escapes through the hole in the direction indicated by arrows.

Cornice Brakes

No. 1000 Series
Steel Construction



Capacity No. 18 Gauge Iron and Lighter

Number	4C	4B	4	2B
Length.....inches	61	73	97	121

Note—Furnished with one Forcing Bar and five Formers for making circular and semi-circular bends.

Capacity No. 16 Gauge Iron and Lighter

Number	6B	6	3B	3	2
Length.....inches	36½	48½	73	97	121

Note—Furnished with one Forcing Bar and five Formers for making circular and semi-circular bends.

Capacity No. 14 Gauge Iron and Lighter

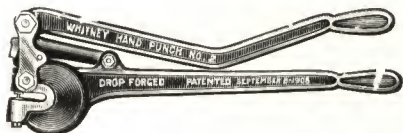
Number	5B	5	2C	1B
Length.....inches	36½	48½	97	121

Note—Furnished with one Forcing Bar and five Formers for making circular and semi-circular bends.

General Description

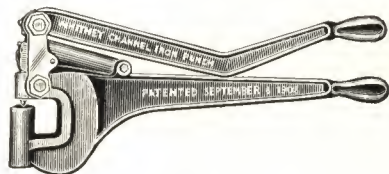
These Brakes are of pressed steel construction and owing to their light weight are handy to move around for outdoor construction work.

Whitney Portable Hand Metal Punches



No. 2 Punch

Length, 23 inches. Weight, 12 pounds. Capacity, $\frac{5}{16}$ inch hole through $\frac{1}{4}$ inch iron, or equivalent. Punches and dies in 13 sizes— $\frac{1}{8}$ to $\frac{1}{2}$ inch, by $\frac{1}{32}$ nds. Includes two punches and one die, any size. Extra punches or dies. \$0.50 for either, and \$0.40 each in lots of 12 or more.



Channel Iron Punch

A companion to No. 2 Punch. Every part of the two tools interchangeable. Length, 23 inches. Weight, $16\frac{1}{2}$ pounds. Capacity, $\frac{1}{4}$ inch hole through $\frac{1}{4}$ inch iron, or equivalent. Punches and dies in 13 sizes— $\frac{1}{8}$ to $\frac{1}{2}$ inch, by $\frac{1}{32}$ nds. Punches to center of 4 inch channels with $1\frac{1}{2}$ inch flanges. Equipped same as No. 2.



No. 1 Punch

Especially built for heavier capacity. Length, 34 inches. Weight, 22 pounds, well distributed, to nicely balance the tool. Capacity, $\frac{3}{8}$ inch hole through $\frac{1}{4}$ inch iron. Equipped same as No. 2. Punches and dies in 13 sizes, from $\frac{3}{16}$ to $\frac{9}{16}$ by $\frac{1}{32}$ nds. Extras same price as No. 2 punch.

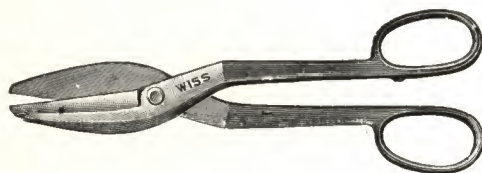
Specify sizes of Punches and Dies desired.

Wiss Steel Forged Tinner Snips

Wiss Tinner Snips may be tested to cut 20d wire nails without marring the edges, and then cut clean the lightest of tissue paper. This test shows the fine adjustment of the Wiss Snip, its strength, and toughness, and its marvelous keen edge.

Wiss Snips are superior in quality and construction—in shape, in cutting edge, in strength, in tests, and in finish. They work easier, give more work and better work.

A piece of the finest Crucible Bar Steel welded to the inside of the blades of the Toughest of Steel Forgings gives the Wiss Snip its perfect, lasting cutting edge—an edge that will not break or chew the work, but which is always sharp. The blades are perfectly shaped, with points made strong and the handles formed so that they will not tire the hand even after continuous use. The most severe factor tests to which we subject our snips enable us to unrestrictedly guarantee every pair to do their work satisfactorily.

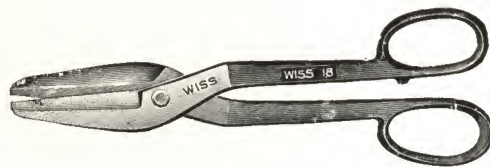


Wiss Regular Pattern Tinner Snips

Number	12	11	10	9	8	7	6½
Full Length, inches.....	8	9½	11½	12½	13¾	14½	15¾
Length of Cut, inches.....	2	2¼	2½	3	3½	4	4½

With Left Handles—For use with the left hand, Blades as illustrated, 50 cents per pair, extra list.

Discount.....



Wiss Combination Pattern Tinner Snips

Will Cut Curved as well as Straight Work

These Snips are made with straight blades, but are ground and shaped in such a manner that they can be used as readily for cutting curves and irregular shapes as for straight work, thus combining all the advantages of both the Circular and the Straight Snip in one tool.

Number	100	19	18	17
Full Length, inches.....	11½	12½	13½	14½
Length of Cut, inches.....	2½	3	3½	4

With Left Handles—For use with the left hand, Blades as illustrated, 50 cents per pair, extra list.

Discount.....

Wiss Circular Blade Tinner Snips



Made specially for those who continually cut curved work. Tempered and ground perfectly and work as easily as a Straight Snip.

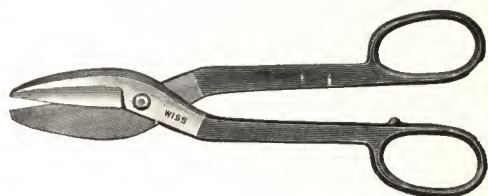
Number	12CB	11CB	10CB	9CB	8CB	7CB	6½CB
Full Length, inches	8	9½	11½	12½	13¾	14½	15¾
Length of Cut, inches	2	2¼	2½	3	3½	4	4½

With Left Handles—For use with the left hand, Blades as illustrated, 50 cents per pair, extra list.

Discount

Wiss Reversed Blade Tinner Snips

Right Hand Cut—Combination Handles



When cutting, workman has to look at right side of his snip to see line he is cutting. Made with combination handles to be used with either right or left hand

Number	9R-Regular	19R-Combination
Full Length, inches	12½	12½
Length of Cut, inches	3	3
Discount		

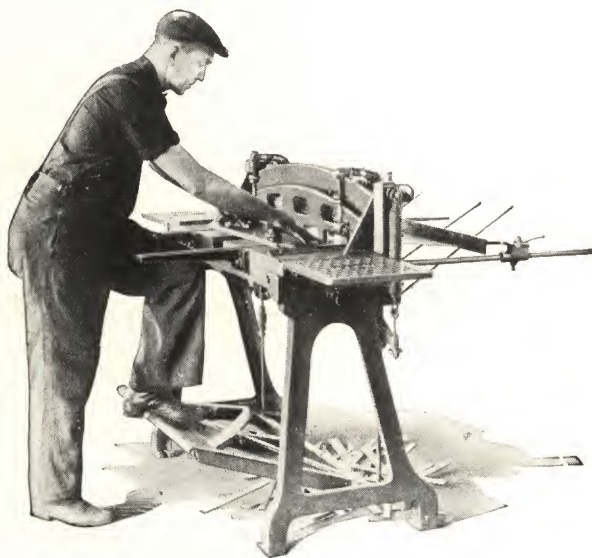
Reasonable Working Standard for Selecting Wiss Tinner Snips

Gauge Galvanized Iron	18	19	20	21	22	24	25
Regular Pattern No.	6½-7	8	9	10	10	11	12
Combination Pattern No.		17	18	19	100	100	100
Circular Blade No.	6½	7	8	9	10	10	11

The cutting power of a Wiss Snip is only limited by the strength of the individual using it and the above schedule is not a maximum test of the power of Wiss Tinner Snips.

Guaranteed—PEXTO—High Grade

**Tinsmiths' and Sheet Metal Workers'
Tools and Machines
The Oldest Line in America**



The following pages are devoted to an extensive variety of Tools and Machines useful in every-day shop practice. Pexto equipment is tool well known to discuss here their superior wearing qualities, extreme accuracy and efficiency. Consistent with our policies to render the trade a service by supplying material of the better kind maintaining a reputation for quality and supremacy, we highly recommend this line of Pexto Tinsmiths' and Sheet Metal Workers' Tools and Machines to our friends who demand the highest standard in Tool and Machine efficiency.

Tools and Machines of a standard kind, the ones most called for, will be found in our large stock, our extensive facilities and wide experience enabling us to give the very best of good service and quick shipments.

PEXTO

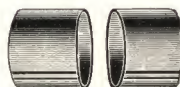
Double Cutting Shears

Nos. 2-02-22

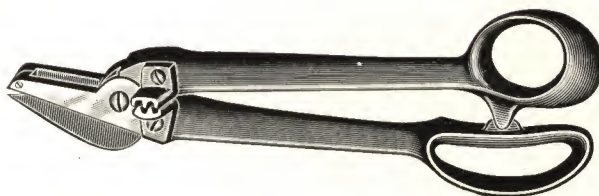


Old Cutting Method

Berridge Patent Double Cutting Shears



New Cutting Method



Double Cutting Shears Nos. 2 and 02



Crimped with Attachment
fitted to Shears No. 2

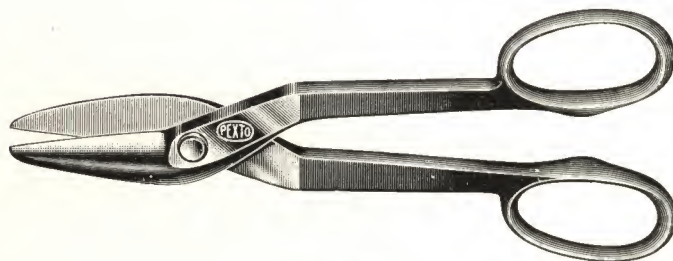


Old Method

Number	2	02	22
Shipping Weight.....lbs.	3	3	1
Length.....inches	12 $\frac{3}{4}$	12 $\frac{3}{4}$	8 $\frac{1}{2}$

Note—No. 02 is the same as No. 2 except that No. 2 has crimping attachment. No. 22 is of pocket size and does not have crimping attachment.

PEXTO Hand Shears

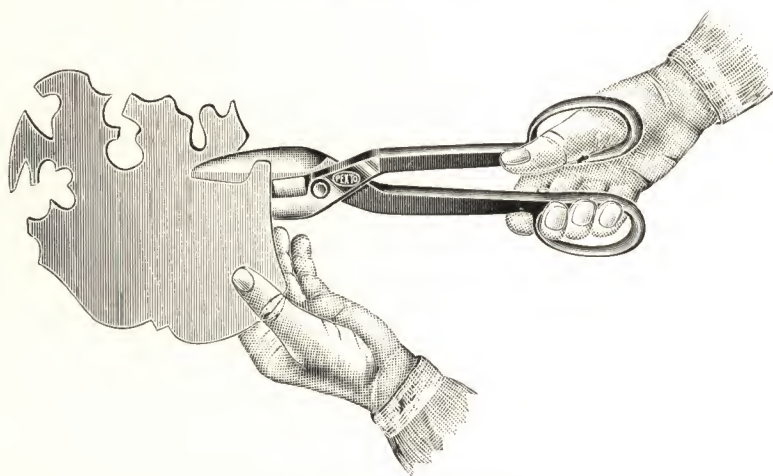


The Lyon Snip
For Cutting Scrolls and Circles

A Snip that has always been popular because the user knows that he can get the best results from the famous P. S. & W. Company make. These Snips are especially adapted to cornice and tin work. They are made to cut circles, scrolls, etc., very easily, but they are equally well adapted for regular snip work. The blades are rounding and very sharp pointed and can be used for very delicate work. Best materials with forged handles and steel blades are used and the tool is fully warranted.

Number		165	170	180	190
Will cut Iron.....	No.	24	25	26	27
Length of Cut.....	inches	4	3½	3	2¾
Length over all.....	inches	15½	14	13	11½

Finish—Blued Handles and Polished Heads



Hercules Combination Snip
Left Hand Cut. Straight Pattern

These Snips are made so as to easily cut circles, scrolls, etc., and are equally adapted to the same class of work as the regular Snip. The jaws are bevelled with straight cutting edges which allows the material to pass freely when cutting curves or changing direction of the cut. A most superior tool for various kinds of work, and one of unusually desirable qualities.

Number		146	147	148	149	150
Will cut Iron.....	No.	24	25	26	27	28
Length of cut.....	inches	4⅛	3¼	3⅛	3	2½
Length over all.....	inches	15½	14½	13½	12½	11½

Finish—Blued Handles and Polished Heads

PEXTO
Hand Shears (Continued)



Hawk's Bill Combination Scroll and Circular Snip

A high-grade Snip with an extremely wide range of cutting usefulness, possessing a combination of individual features not found in any other Snip. Work can be cut on a straight line and they will cut circles or the radii of a circle in very much smaller dimensions than it is possible to cut with any other Snip on the inside as well as on the outside of a sheet of metal. The blades are hawk billed in shape and have a peculiar clearance bevel between the cutting edges, which permits the blades to easily turn a sharp corner or work around a small curve without buckling. The blades being unusually narrow and ground to an extreme narrowness at the points, they are highly valuable for cutting openings in pipe or cylinders of every description for furnace jackets, thimbles, tee joints, etc.

They are especially adapted for cornice work practice in tight places where the regular Hand Snip proves cumbersome. Best materials with forged handles and steel blades are used.

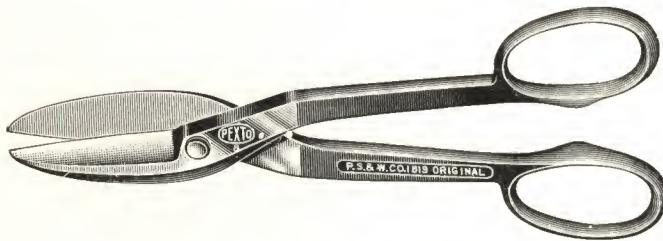
Number	15
Will cut Iron	No. 28
Length of cut	inches 3
Length over all	inches 11 $\frac{3}{4}$

Packed one in a carton.

Finish—Blued Handles and Polished Heads

PEXTO

Hand Shears (Continued)



1819 Original P. S. & W. Co.'s Snip

Left Hand Cut. Straight Pattern

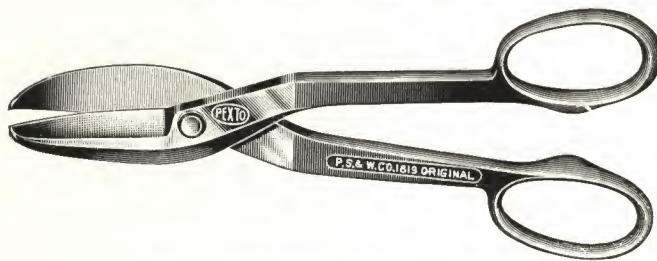
Our highest grade of Tinnern's Snip. A distinctive article of unusual quality. Used by Sheet Metal Workers throughout the world. Forged from choicest material. Superfine steel cutting blades. Stamped "1819 Original P. S. & W." As always, of the highest grade of excellence and fully warranted—maintaining a reputation gained by a century's experience.

Number		06½	6½	7	8	9	10
Will cut iron.....No.	22	24	25	26	27	28	
Length of Cut.....inches		4½	4¼	3⅞	3½	3	2½
Length over all.....inches	17	15¾	14¼	13½	12	11	

Note—Nos. 06½ to 10 with Left Hand Cut for Right Hand Man at no extra cost. Nos. 6½ to 10 with Right Hand Cut for Left Hand Man at no extra cost. Nos. 06½ to 10 with Left Hand Cut for Left Hand Man furnished at \$0.50 net extra per pair. Nos. 06½ to 10 with Right Hand Cut for Right Hand Man furnished at \$0.50 net extra per pair.

Finish—Blued Handles and Polished Heads.

Circular Snips



1819 Original P. S. & W. Co.'s Snip

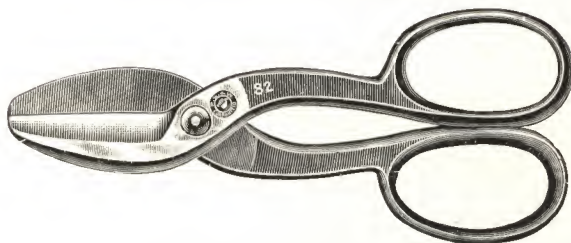
Left Hand Cut. Circular Pattern

The same careful selection of materials and the same high-grade workmanship as characterizes all 1819 Original Snips is found in these Circular Snips. For hard service and long life they have no competitors.

Number		C6½	C7	C8	C9	C10
Will cut iron.....No.	24	25	26	27	28	
Length of Cut.....inches		4½	4	3½	3	2½
Length over all.....inches		15¾	14¼	13½	12	11

Finish—Blued Handles and Polished Heads.

PEXTO Hand Shears (Continued)

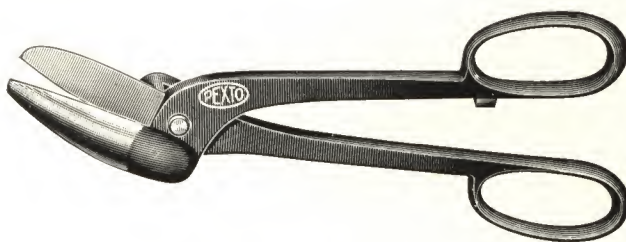


General Purpose Pocket Snip

With the assurance of Pexto quality added to its manifold uses this tool cannot be surpassed. It is adapted to use by the mechanic, plumber, electrician and automobilist. The Tinsmith and Sheet Metal Worker will find it a very useful, vest pocket shears.

Number	82
Length of cut inches	2
Length over all inches	7

Finish—Blued Handles and Polished Heads



Hand Slitting Shears

Made of a special design intended for cutting corrugated metal lengthwise. These Shears are equally adapted for the same class of work as regular Snips. Both handles remain above the work and the Shears are so shaped that the cut sheets pass freely below the hand without danger of injury. Forged from best Norway iron and laid with highest grade steel.

Number	59
Will cut Iron No.	24
Length of cut inches	3
Length over all inches	13½

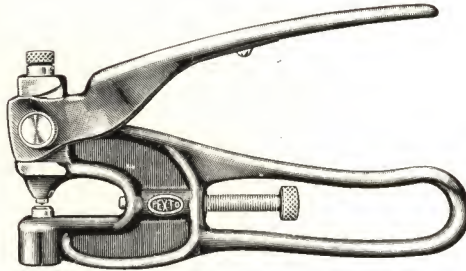
Finish—Blued Handles and Polished Heads

Bench Shears



PEXTO Punches

No. 789 C



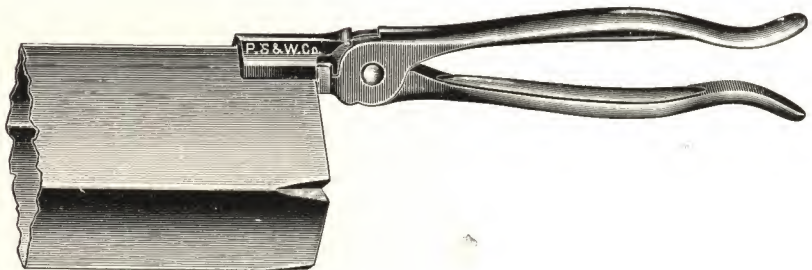
Capacity No. 18 Gauge Iron and Lighter

Number		789 C
Depth of Throat.....	inches	1½
Length over all.....	inches	8¼

Note—Furnished with three sets of Dies and Punches; viz, 1/8, 3/16 and 1/4 inch. The movement of this practical and handy tool works easily and rapidly. It may be carried in the pocket and will prove a very useful tool for outside work.

Square Pipe Crimper

No. 787



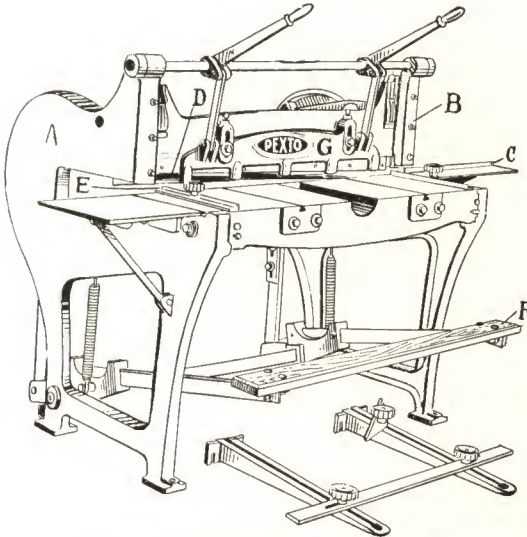
Improved Method of Square Pipe Crimping with
Pexto Hand Crimper No. 787

PEXTO

Squaring Shears

No. XC 36 Series

Gap



Capacity, No. 16 Gauge Iron and Lighter

Number	XC 36	XC 42	XC 52
Shipping Weightapproximately lbs.	1500	1600	1800
Length Cutting Bladesinches	36	42	52
Depth Gap in Housingsinches	18	18	18
Length Front Armsinches	26½	26½	26½
Length Rear Gauge Armsinches	24	24	24
Width Bedinches	14	14	14
Shipped regularly	On Skids	On Skids	On Skids

Note—Furnished with hold-down attachment, side shelf, slitting gauge, one pair front arms and complete gauge equipment. Cutting blades run about one inch over size listed.

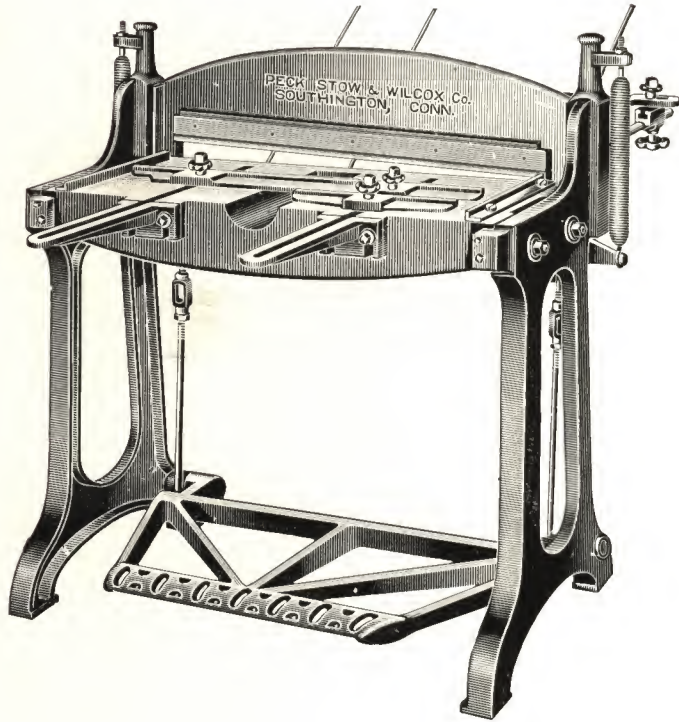
General Description

These new patterns embody every improvement for a well-balanced, easy-operating shears. Housings (A) and (B) have a gap of 18 inches for permitting the cutting of sheets from ½ inch to the full depth of the gap in housings. The slitting gauge (C) facilitates the slitting of sheets of longer length than the cutting blades (D) and (E). The first cut made, the slitting gauge (C) secures proper alignment of the successive cuts. The treadle (F) is steel and extensible. The lever hold-down (G) presses the sheet with security for insuring an accurate and clean cut. Used as a regular squaring shears, they will cross-cut sheets at any point desired and of full width, according to the length of shears used.

PEXTO

Squaring Shears (Continued)

Nos. 121, 132, 137. Improved Squaring Shears



Capacity, No. 18 Gauge Iron and Lighter

Number	121	132	137
Shipping Weight . . . approximate lbs.	375	540	650
Length Cutting Blades inches	22	31	36½

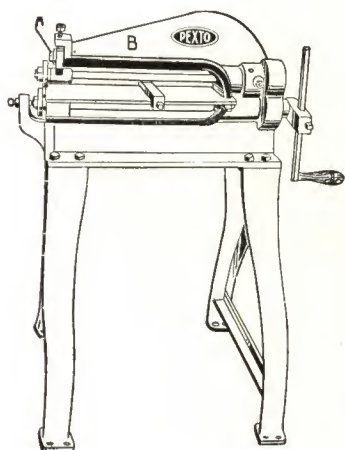
No. 137 has hold-down attachment.

General Description

These new patterns are preferred over other shears owing to their extra wide bed plate. They are guaranteed to cut up to their full rated capacity and to give very excellent service. Pexto high-grade quality materials combined with thorough workmanship make them the most desirable medium weight Shears the market offers.

PEXTO Rotary Slitting Shears

No. 255



Capacity, No. 16 Gauge Iron and Lighter

Number	255
Shipping Weight	approximately lbs. 325
Diameter Cutters	inches $3\frac{1}{16}$
Depth Cutting Head to Gauge	inches 18
Depth Cutting Head to Frame	inches 19
Size Table	inches 20x8
Shipped crated regularly	

For Power with T and L Pulley specify No. 260.

These Shears will prove a time saver in any shop. They permit the most rapid means for slitting iron used in cornice, furnace, blow-pipe, ventilation work, etc. They may be utilized for conveniently cutting large irregular curves and circles when following a scribed line in a fraction of the time it takes to do the work with snips or bench shears. The Cutters are made from a special high-grade tool steel, properly hardened and tempered and have two Cutting Edges, making them reversible. The Crank is adjustable to different leverages. Bearings (A) are adjustable to take up wear of the Cutters, and the Cutting Head (B) is of compact construction and is mounted on heavy, cast iron legs. A desirable substitute for the 8-foot Squaring Shears where floor space is limited.

PEXTO

Slitting Shears

No. 253

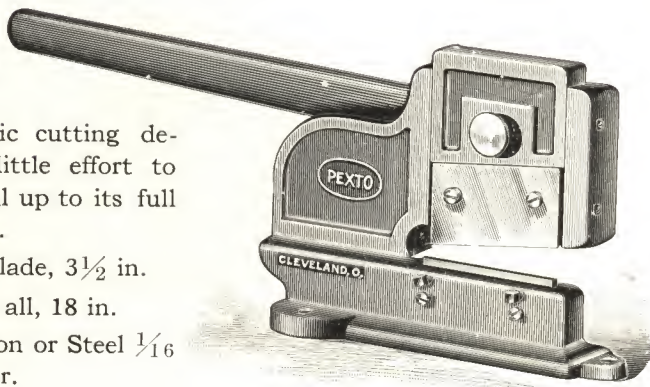
Eccentric Lever Shears

The eccentric cutting device requires little effort to cut sheet metal up to its full rated capacity.

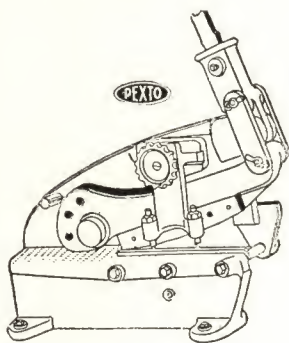
Length of Blade, $3\frac{1}{2}$ in.

Length over all, 18 in.

Capacity, Iron or Steel $\frac{1}{16}$ inch and lighter.



Slitting Shears



Capacity—No. 10 Gauge Iron and Lighter.
Will cut Bar Iron $\frac{1}{4} \times 1\frac{1}{2}$ inches
No. R0296 will cut Rods up to $\frac{1}{2}$ inch diameter

Number	0296 Plain	R0296 with Rod Cutter
Shipping Weight.....	approximately lbs. 185	190
Length Cutting Blades.....	10	10
Length Gauge Rod.....	$14\frac{1}{2}$	$14\frac{1}{2}$
Shipped boxed regularly.....		

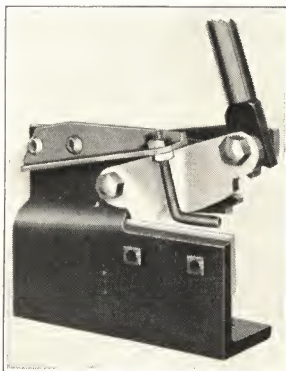
Note—No. 0296 is a Plain Slitting Shears; No. R0296 is the same as No. 0296, but is fitted with a serviceable and very practical Rod Cutting Attachment.

General Description

These Shears are recommended for the Slitting of Sheets, length or or crosswise, with ease up to their full rated capacity. They are patterned so as to allow sheets to pass freely, and proportioned so as to obtain the greatest strength and durability. They are furnished with or without Rod Cutting Attachment.

It must be remembered that the service a Lever Shears will give depends greatly on the care exercised in keeping up the adjustments provided for the Blades and in keeping the Blades sharp.

Chicago Steel Slitting Shears



Easiest Operated and Most Durable Hand Bench Shears on the Market

Indispensable for slitting sheet steel and for cutting steel bars, band iron, brake band lining, belting, etc.

Pressed Steel Construction. Shear blades made of highest grade crucible steel. Equipped with adjustable hold-down. All parts interchangeable.

Capacity 3-16 in. by 2 inch bars—10 gauge sheets. Weight 22 lbs.

List of Parts

1. Body.....	\$6.75
2. Handle.....	1.25
3. Hold-Down.....	.30
4. Side Arm.....	.75
5. Upper Shear Blade.....	2.00
6. Lower Shear Blade.....	1.00
7. Upper Blade Bolts (each).....	.25
8. Lower Blade Bolts (each).....	.05

Cutting edge both blades $4\frac{1}{2}$ inches.

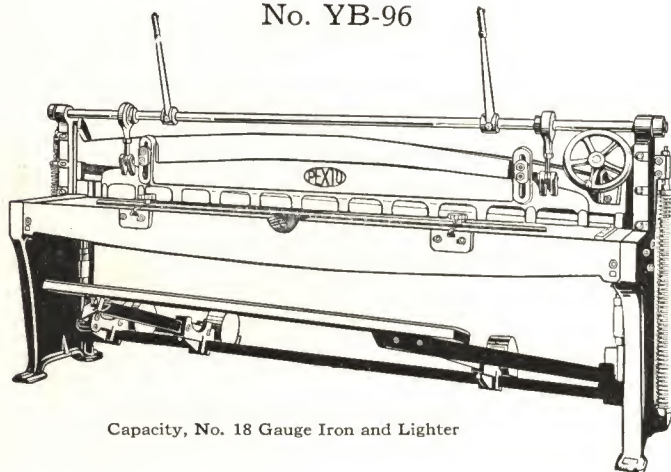
Prices are net, F. O. B. Chicago. Please order by name.

$\frac{3}{8}$ thick, 7 inches long. Lower Blade 5-16 thick, $4\frac{1}{2}$ inches long.

PEXTO

Southington Long-Length Squaring Shears

No. YB-96



Capacity, No. 18 Gauge Iron and Lighter

Southington Long-Length Squaring Shears No. YB-96

Capacity No. 18 gauge iron and lighter

Number	YB-96
Length for sheets.....width inches	96
Width of Bed Plate.....inches	16
Length of Rear Gauge.....inches	96
Length of Rear Gauge Arms.....inches	32
Movement of Rear Gauge.....inches	0 to 20
Length of Front Gauge Arms.....inches	28½
Shipping Weight.....approx. lbs.	3050
Shipped on skids regularly.	

Note—Furnished with hold-down attachment, one pair of long front arms and complete screw gauge equipment.

General Description

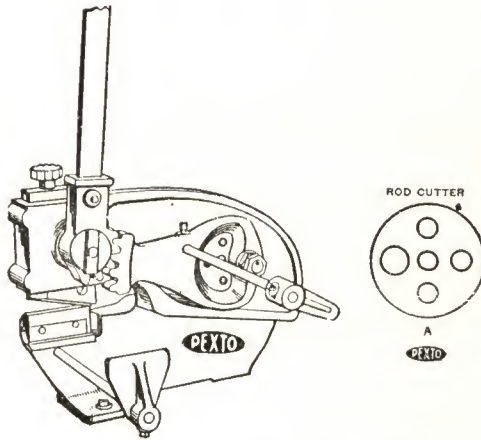
The trained eye of the sheet metal mechanic will see in these new patterns something different and as including many valuable features that heretofore have been lacking in long-length Squaring Shears. A rear gauge moving by means of long screws and bevel bears is not new but this is the first shears of its kind ever introduced where adjustment of a rear screw gauge is made from the front of the machine through simply turning a hand wheel as seen at the right of machine in cut. The hold-down attachment is actuated by means of an eccentric and through conveniently placed hand levers. This type of hold-down attachment finds its movement by hand and is independent of the movement of the gate which holds the upper cutting knife and may be depended upon as positive. The treadle is of steel and extensible with the tread so arranged to prevent operation of treadle at the extreme end of the shears, thereby eliminating any possible twisting of the gate when cutting heavy sheets as can easily occur on long shears when applying the old idea of running the tread full length of machine.

It will cut up to its full rated capacity full length and with the least exertion as long as the cutting blades are kept in good condition and well oiled.

A shears that is in a class by itself—IT HAS NO EQUAL.

PEXTO

Combination Slitting Shears



Capacity— $\frac{3}{16}$ inch iron and lighter for slitting.
 Capacity— $\frac{1}{4}$ inch for trimming.
 Capacity—Bar iron $\frac{3}{16}$ x 2 inches.
 Capacity—Rods $\frac{3}{8}$ inch diameter and smaller.

Number		Plain Slitting 325
Length Cutting Blades.....	inches	4 $\frac{1}{2}$
Length Gauge Rod.....	inches	14 $\frac{1}{2}$
Shipped crated regularly.....	weight approx. lbs.	250

Note—No. 325 is a Plain Slitting Shears. Disc “A” in the cut is a rod cutting attachment. Disc “A” while standard is not furnished unless specified and where orders do not mention this attachment the plain Slitting shears will be sent. Attachment “A” if not ordered with the machine can be furnished at later date as the same is interchangeable with this pattern of Slitting shears.

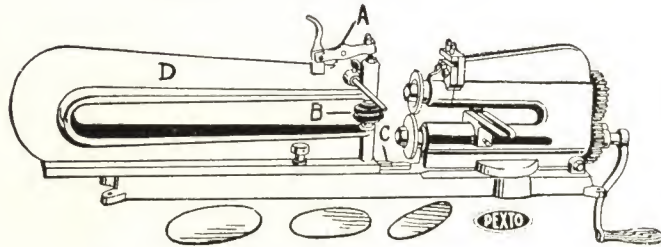
General Description

A Common Sense Slitting Shears is represented in these patterns. Aside from its slitting advantages it is the only shears of its kind where an attachment may be ordered with the machine or ordered later when needed for cutting rods. The attachment is self contained for the cutting it is designed for and is interchangeable. An easy working principle for all shearing up to the full rated capacity of the machine is contained in a lever eccentric operating a slide to which the upper blade is attached. A recognized feature is in that the frame is so designed for freely passing large sheets in slitting. When running off a line while shearing provisions are allowed for shifting the sheet from left to right for placing the cutting blade again in direct line with cut desired. With these shears there can be no wedging of the iron as a hold-down is provided and the design of the frame allows the sheet to pass without obstruction.

Photographic prints of most all machines in these pages are available and free for the asking.

PEXTO

Waugh's Circular Shears



No. 278 Capacity—No. 22 Gauge Iron and Lighter.

No. 280 Capacity—No. 18 Gauge Iron and Lighter.

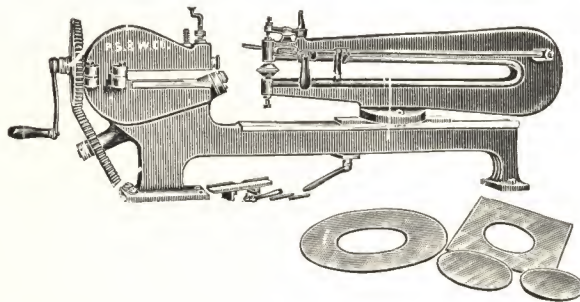
Number	278	280
Diameter Cutters inches	$3\frac{1}{16}$	$3\frac{1}{2}$
Diameter Rubber Covered Clamping Discs inches	2	$2\frac{3}{4}$
Depth Cutting Head to Gauge inches	$9\frac{1}{4}$	$9\frac{3}{4}$
Depth Cutting Head to Frame inches	$10\frac{1}{4}$	$10\frac{1}{4}$
Depth Circle Arm inches	$16\frac{1}{4}$	$22\frac{1}{4}$
Will circle from square blanks inches	$2\frac{3}{4}$ to 22	3 to 31
Shipped boxed regularly . . . weight approx. lbs.	140	300

PEXTO

Ring and Circular Shears

Nos. 298-299

Capacity No. 20 Gauge Iron and Lighter



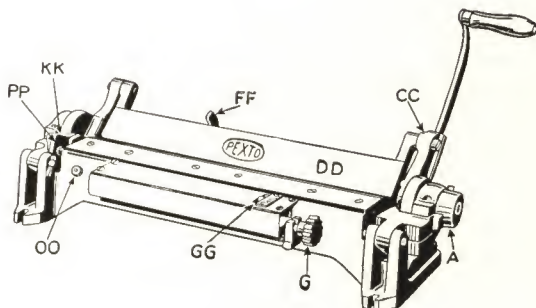
Number	298	299
Will cut circle from square blanks . . . inches	$3\frac{1}{4}$ to 22	$3\frac{1}{4}$ to $42\frac{1}{2}$
Will cut rings small as (inside diam.) inches	$3\frac{1}{4}$	$3\frac{1}{4}$
Will cut rings large as (outside diam.) inches	22	$42\frac{1}{2}$

This improved pattern is very useful for cutting circles or internal rings and irregular curves.

PEXTO

Arrow Bar Folder

Patent Applied for



Capacity— $\frac{3}{16}$ inch Locks on No. 22 Gauge Iron and Lighter.
Capacity— $\frac{1}{4}$ inch Locks on No. 24 Gauge Iron and Lighter.
Capacity—3-32 inch Locks on No. XX Tin.

Number	62	63
Length for Sheets, width.....inches	20	30
Will form Closed and Open Locks.....inches	$\frac{1}{8}$ to 1	$\frac{1}{8}$ to 1
Will form Open Locks to receive a Wire up to.....inches	$\frac{1}{4}$	$\frac{1}{4}$
Shipped boxed regularly.....approximate weight, lbs.	140	220

General Description

These improved patterns represent the last word in Bar Folder construction. Intended for forming the edges of sheet metal at various angles. They will produce closed locks as well as open or round locks for inserting a wire in the flatsheet.

The designing makes for proper proportionment of the Folding Bar. Where speed and great durability are essential, especially in tinware and other light manufacturing, these patterns will prove superior over any other makes.

Open or round locks for wiring are made by raising the Folding Bar (CC) at right angle. The Wind (DD) is then adjusted for the size of wire to be used through the setting of Wedge (FF) that moves to left and right on Folding Bar. An improvement, consisting of a Pin in the frame, prevents the dropping of the Wing below the Gripping Jaw, the Wing (DD) dropping in a proper position automatically in the process of folding, producing accurate and uniform round locks. This improved adjustment permits for more rapid execution, the blanks sliding more easily between the Gripping Jaw and Folding Plate without obstruction.

Gauge (GG) is adjustable, moved by a screw and is adjusted by turning Gauge Knob (G). The width to which the Gauge is adjusted is indicated on a graduated Brass Plate, and after set is firmly secured through Lock Screw (OO). Gauge is so designed that it cannot twist insuring accurate lock forming. The life of this gauge is longer than used in any other Folder. The Gauge feature is a Pexto innovation.

Adjustable Stop (A) is provided to permit the forming of any desired angle, in addition to regular Square and Bevel Stops (KK-PP).

A Gripping Jaw clamps the material securely while the bending takes place, guaranteeing the forming of square joints or angles, narrow or wide locks of uniform widths the entire length.

PEXTO

Bar Folding Machines (Continued)

Nos. 055 and 058

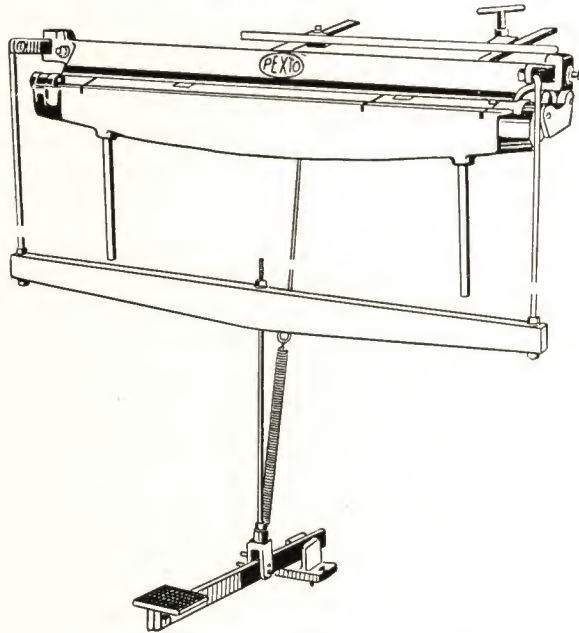
Capacity 5-16 inch Locks on No. 20 Gauge Iron and Lighter

Capacity 3-16 inch Locks on No. 22 Gauge Iron and Lighter

Number	055	058
Shipping Weight.....	approximately lbs. 365	415
Length.....	inches 37	42
Will form Closed and Open Locks.....	inches $\frac{1}{8}$ to 1	$\frac{1}{8}$ to $1\frac{1}{2}$
Shipped boxed regularly.....		

Note—Furnished regularly with Counter Balance.

Square and Rectangular Box and Pipe Former



Capacity—No. 26 Gauge Iron and Lighter.

Number	433
Length for work, width.....	inches 30
Smallest Square Pipe that can be formed.....	inches 3
Shipped boxed regularly.....	weight approx. lbs. 90

Note—Furnished complete with Gauge equipment.

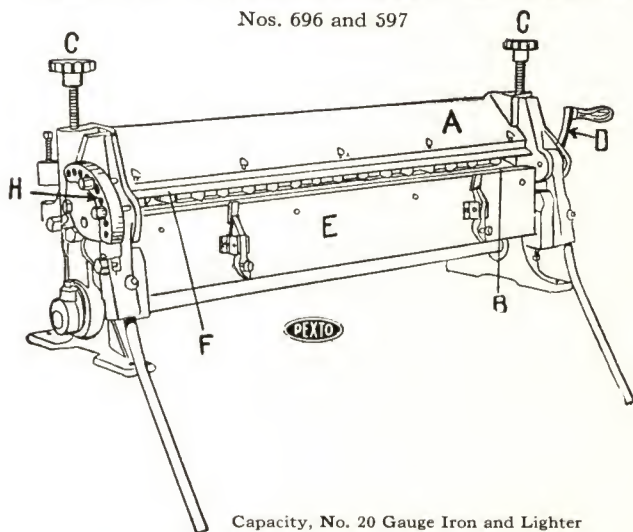
General Description

A machine of simple construction for forming the bodies of Square and Oblong Cans, Heater Pipe, Boxes, etc., with either lapped or locked side seams. A depression of the Foot Treadle clamps the material. The Folding Bar is brought up and the bend made. The work forms around the Clamping Bar. Sheets can be formed at right angles or less.

All parts are smoothly and accurately machined and finished, well proportioned to their size and for the work they are intended to do.

PEXTO Bench Folders and Brakes

Nos. 696 and 597



Capacity, No. 20 Gauge Iron and Lighter

Will form 5-16 to 1 inch Locks on Heavy Iron
Will form 3-16 inch Locks on Light Material.

Number	696	697
Shipping Weight.....	approximately lbs. 430	500
Length.....	inches 36	42
Shipped Boxed Regularly		

Note—Furnished regularly with Folding Blade for sharp or closed locks and Adjustable Front and Rear Gauges. Extra Blades for forming open or wire locks can be furnished at an extra cost.

General Description

With these new Bench Combination Folder and Brake Patterns a variety of Folding operations are possible. Like the regular Floor Brake, the Jaws allow for the forming of any size of angle, the sheet remaining stationary while the folding takes place. It will form edges for lock seams with a nicety. Fitted with Adjustable Gauges, the scribing of sheets before each bend is not necessary.

The Clamping Bar (A) can be adjusted for great clearance above the Bed (B) from 1 to 3 inches. This is effected by turning knobs (C). By turning the crank (D) the Bar (A) is lowered 1 inch. The sheet placed between the Jaws to be edged or folded is securely clamped with a turn of Crank (D). The Folding Bar (E) is of solid steel and so proportioned that its upper edge is only $\frac{3}{8}$ -inch wide for permitting the forming of very narrow locks and angles. It is adjustable up and down for forming open locks for wiring with not more than $\frac{1}{4}$ -inch radius, but a special Folding Blade to substitute for the Blade (F), as fitted regularly, for sharp locks, is recommended in order to secure the best results. Folding Blade (F) can be readily removed to allow substituting others of different shapes.

Rear Gauge, adjustable from $\frac{1}{4}$ to 10 inches, is provided and can be easily removed when not needed.

Front Gauges, that are adjustable from $\frac{7}{16}$ to $\frac{3}{4}$ inch, are also provided. These Gauges are attached to Folding Bar (E).

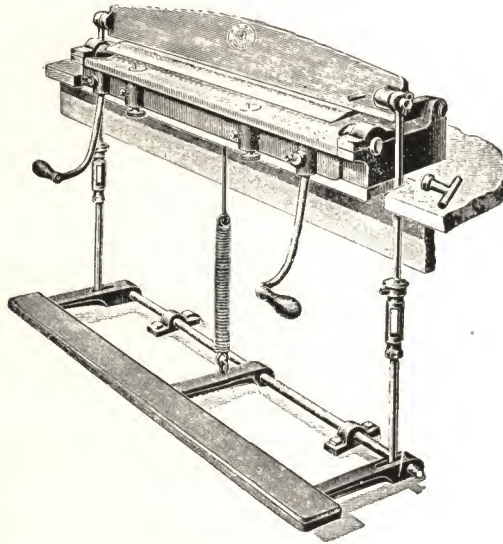
Pins (H) can be adjusted for stopping the Folding Bar (E) to form different angles.

Sharp or closed locks for lock seams can be formed from $\frac{5}{16}$ to 1 inch on heavy stock, and as small as $\frac{3}{16}$ inch on light material. With the proper Special Rounded Blades, a wide range of wire locks can be formed.

A Combination Folder that will never stand idle in the active shop.

PEXTO Open Throat Folder

No. 90



Capacity No. 22 Gauge Iron and Lighter

This is a high grade folder with an extremely wide range of usefulness and works upon the same principle as Cornice Brakes.

They are adapted for forming both single and double locks, straight or tapering. As regularly made the treadle rod is adapted to a bench 33 inches in height.

Number	90
Length.....inches square	30
Will form locks from.....inches square	$\frac{3}{16}$ to $1\frac{3}{16}$
Will form square pipe.....inches	$\frac{1}{2}$ to $1\frac{1}{2}$
Clamping Jaws open	$\frac{1}{2}$
Shipping weight.....	225 lbs.

PEXTO

Iron Bottom Sheet Iron Folders

No. 2



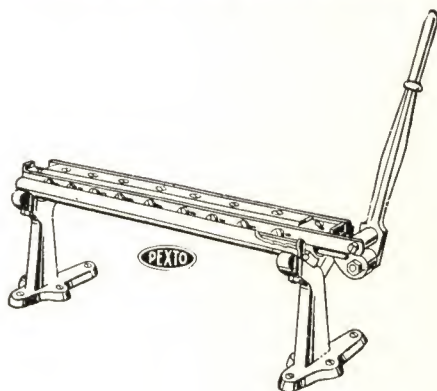
Capacity No. 22 Gauge Iron and Lighter

Number		2
Length	.....inches	30
Will form locks	.....inches	$\frac{3}{16}$ to $\frac{5}{8}$
Shipping weight	.....	30 lbs.

Champion Sheet Iron Folder

Nos. 11-13

Capacity No. 22 Gauge Iron and Lighter

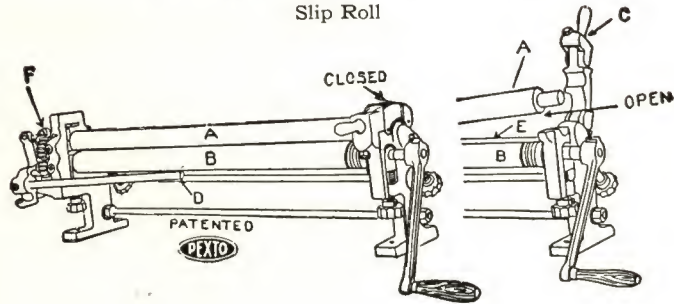


Number	11	13
Length	.....inches 32	42
Will form locks	.....inches $\frac{3}{16}$ to $\frac{7}{16}$	$\frac{1}{4}$ to $\frac{1}{2}$
Shipping weight	100 lbs.	200 lbs.

We recommend these machines for folding the edges of straight sheets and as highly adaptable for forming locks on pipe after the blank has been rolled into a cylinder on the forming machine. Fitted with adjustable gauge.

PEXTO Forming Machines

Slip Roll



Number	382	381	0381	390
Shipping Weightapproximately lbs.	165	180	200	350
Length Rollsinches	31	37	43	37
Diameter Rollsinches	2	2	2	2½
Gripping Rolls openinches	½	½	½	½
Price				
Shipped boxed regularly				

Note—In these Formers, Gripping Rolls (A) and (B) have an extreme clearance of 1/2 inch. Grooves cut in rolls are intended to allow work with a wire to be formed. Tight Pulley, or Tight and Loose Pulleys and iron Floor Legs can be fitted when so ordered. No. 390 are Back Geared and have Rolls 2 1/2 inches in diameter with a ratio of gearing 2 to 1.

General Description

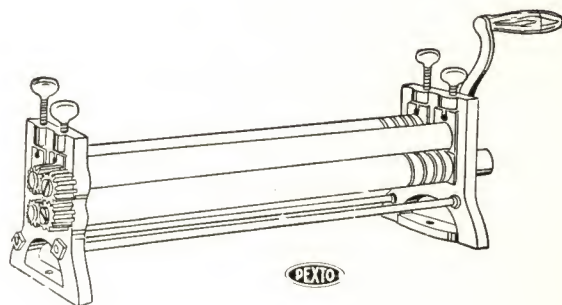
New Original Pexto Features are embodied in these Forming Machine Patterns that place them in a class by themselves. They are greatly improved over our old Slip Roll Pattern Forming Machines and those which the present market offers. A careful study of the illustration shows the time and steps saved through being able to perform all operations at one end of the machine, the convenient end where the crank is fitted. Without necessitating the changing of positions the sheet to be formed is placed between the Gripping Rolls (A) and (B). The cylinder formed, open Latch (C), then by means of Lever (D) raise Upper Gripping Roll (A) and slip the formed cylinder from the Roll (A). It will be readily seen that all operations are performed at the crank end of the machine—a Pexto innovation that can be well appreciated by the mechanic who has operated the old pattern Slip Roll Former. Rolls (B) and (E) are adjusted with knurled Screws, and once adjusted they cannot slip. The Gears (F) are steel, machine cut, running more smoothly than cast iron gears without danger of slipping or breaking with whatever thickness of metal is used.

The Roll Raising Mechanism in these machines is so balanced that the Roll (A) is easily lifted with a slight pressure on the Lever (D). The Latch (C) is released and closed with one movement, and is self-locking.

PEXTO

Compensating Gear Formers

Solid Housings



Capacity—No. 22 Gauge Iron and Lighter.

Number	373	372	0372
Length Rolls for Sheets, width.....inches	30	36	42
Diameter Rolls.....inches	2	2	2
Shipped boxed regularly.....weight approx. lbs.	140	160	175

Note—Grooves cut in Rolls are intended to allow work with a wire to be formed. Wire should only be formed between the grooves cut for that purpose.

General Description

These Formers have Solid Housings and are fitted with machine cut Steel Compensating Gears. Gears to run smoothly should mesh constantly to a certain depth. In these Formers the gears on the Gripping Rolls do not mesh with each other, but with two extra gears fitted to the frame when the Gripping Rolls are moved the mesh of the gearing is unchanged. This insures uniformity of action and durability for the Gears, they running more smoothly than cast iron cogs, without danger of slipping or breaking with whatever thickness of metal is used. There is nothing to risk or lose if these patterns are insisted upon—avoid substitution.

Plain Formers

Solid Housings

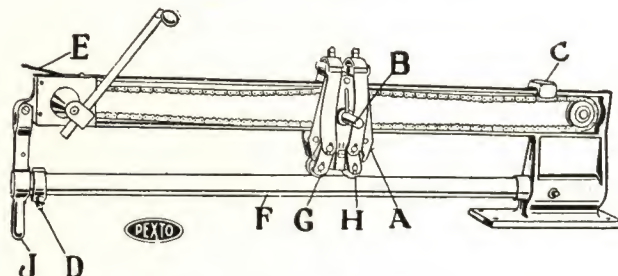
Capacity—No. 22 Gauge Iron and Lighter.

These Formers are the same as the above but have two cast iron Gears fitted to the Rolls. For the little difference in price we recommend the use of the Compensating Gear Former.

Number	357	355	356
Length Rolls for Sheets, width.....inches	30	36	42
Diameter Rolls.....inches	2	2	2
Shipped boxed regularly.....weight approx. lbs.	140	160	177

PEXTO

Rapid Groover



Capacity—No. 24 Gauge Iron and Lighter.

Number	518
Will Groove Work Length.....inches	30
Diameter of Smallest Pipe that can be Grooved.....inches	2
Shipped boxed regularly.....weight approx. lbs.	200

Note—Rolls are furnished, one each with $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ inch grooves and one Flattening Roll.

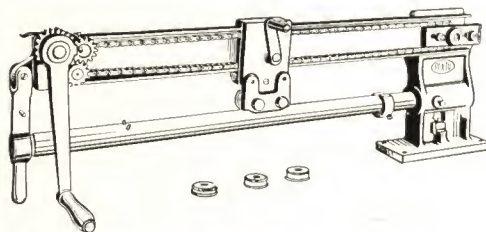
General Description

The best machine of its kind for grooving the longitudinal seams in stove pipe and other sheet metal cylinders. It differs from the ordinary Groover in that it is more rapid, the operator standing in front of the machine does not have to change his position when inserting and removing work and operating the machine. Adjustable Stop (C) on Upper Bar stops the Traveling Carriage at any desired point to suit length of work. Adjustable Stop (D) on Lower Bar prevents work from slipping while being grooved. Spring (E) holds Latch (J) out of the operator's way while work is removed and inserted in the machine.

Lower Horn (F) is reversible, so that either the flat surface or one of the grooves which is planed into the Horn can be turned upward, permitting for the locating of seams on the inside or the outside of the work. The seam is put on the inside of work by means of Flat Roll which presses the seam into one of the grooves planed into the Horn. Outside grooving is done in the usual manner by using the Grooved Roll and flat surface of Horn. The Traveling Carriage (A) has two Rolls, one for Grooving (G), and one for Flattening (H) the seam at the same operation.

The Grooving Carriage (A) is so arranged that the Flattening Roll (H) runs idle on the outward run and the Grooving Roll (G) idle on the backward run. The two Rolls do not press the seam at the same time therefore easy grooving is assured. The Carriage Bar and Grooving Horn is steel.

Security Stove Pipe Groover



Capacity—No. 24 Gauge Iron and Lighter.

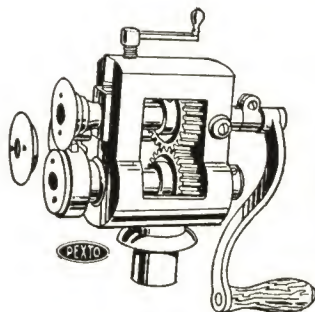
Number	521
Will Groove Work Length.....inches	24
Diameter Smallest Pipe that can be Grooved.....inches	2
Shipped boxed regularly.....weight approx. lbs.	185

Note—Furnished with three Grooving Rolls, viz.: $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ inches and one Flattening Roll.

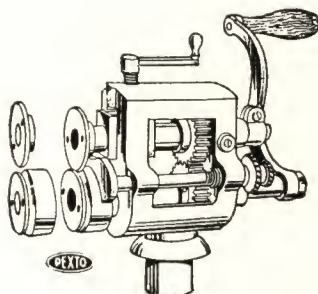
PEXTO

Columbian Bench Machines

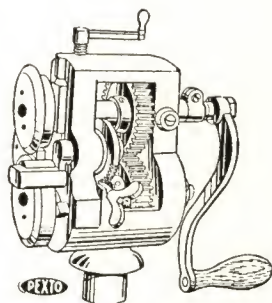
Pexto Columbian Bench Machines are so popular, making a lengthy description unnecessary. They are made from the best materials procurable, all parts are fully machined, gauges and rolls are scientifically hardened. They have long-wearing qualities as evidenced by the many unsolicited testimonials received from satisfied users—make your specifications read Pexto Columbian—there is nothing to risk or lose.



Burring Machine
or
(Thin Edge)



Turning Machine
or
(Thick Edge)



Wiring Machine

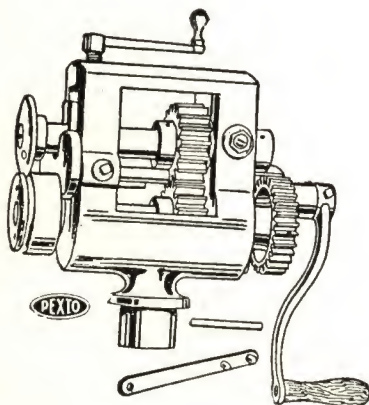
	Small Burr	Lge. Burr	Ex. Turn.	Sml. Turn.	Sm. Turn.	Lge. Turn.	Wiring Mch.
Number	576	577	540	541	542	525	
Diameter Rolls.....inches	1½	2⅛	1½	2⅛	3	3	
Widest flange or burr that can be turned, inches	⅜	¼					
Smallest wire that can be used.....Gauge No.			11	11	9		
Largest wire that can be used.....Gauge No.			7	7	4	0	
Shipping Weight.....approx. lbs.	21	25	22	25	31	31	
Packed one in a carton.....							

Note—Furnished complete with offset standard No. 975. Wiring Machine furnished with Standard No. 976. Extra upper roll furnished with Burring Machines and extra pair of thick turning rolls with Turning Machines. Forming Roll Gauge "A" furnished with Wiring Machines at an extra cost and only when specified. Foot treadle attachment for depressing upper roll in place of crank screw when specified can be furnished at an extra cost.

PEXTO

Turning, Wiring and Burring Machines

Back Geared



Turning Capacity—No. 18 Gauge Iron with $\frac{1}{4}$ or $\frac{5}{16}$ inch Wire
No. 20 Gauge Iron with $\frac{3}{16}$ inch Wire.
With Burring or Wiring Rolls—No. 18 Gauge Iron.

Number	Turning 0547	Wiring 0548	Burring 0584
Diameter Rolls.....inches	$3\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{4}$
Ratio of Gearing.....	2 to 1	2 to 1	2 to 1
Size Pulley.....inches			
Speed Pulley.....R. P. M.			
Smallest Diameter Wire that can be used.....inches	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$
Largest Diameter Wire that can be used.....inches	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$
Shipped boxed regularly.....approx. lbs.	130	130	130
Will turn Flanges on Iron No. 20-22-24 Gauge up to inches			$\frac{5}{16}$

Note—Turning Machines are furnished with Turning Rolls for $\frac{3}{16}$ inch Wire. On request we will substitute for $\frac{1}{4}$ or $\frac{5}{16}$ inch Wire. Rolls are interchangeable. One Gauge will work with Turning and Burring Rolls. Extra Gauge needed for Wiring Rolls. Extra Heavy Standard No. 977 is furnished.

General Description

These Machines are made from heavy patterns, and with the proper Rolls and Gauges, they are suited for a variety of operations. Machine cut steel Connecting Gears are used and the driving Gears are cut from solid metal. Frames are extra heavy and the machine throughout is proportioned for giving the very best of good satisfaction up to the full rated capacity.

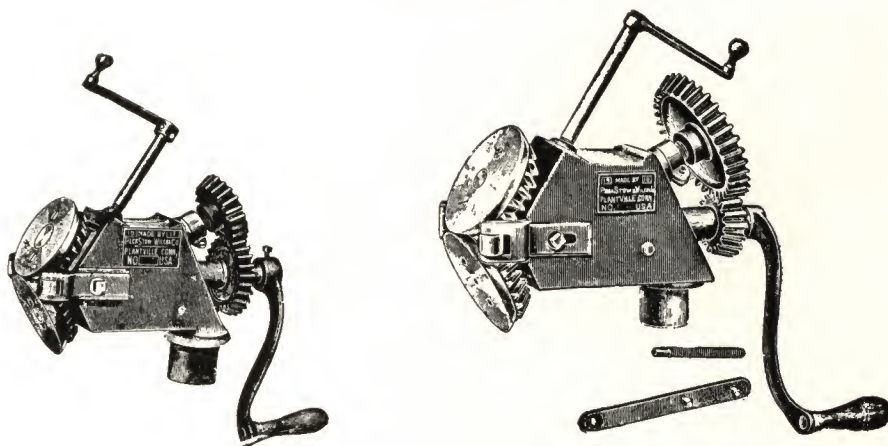
Extra Attachments

The above Machine can be made up for Power with Tight or Tight and Loose Pulleys or fitted with Hand or Treadle Friction Clutch mounted on Iron Floor Pedestal. Apron Gauge and Elbow Rolls can also be applied. State requirements clearly.

PEXTO

Setting Down Machines

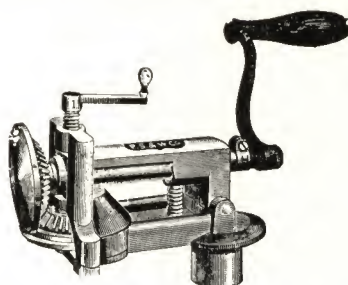
Nos. 561-562



Number	561	562
Capacity Gauge Iron and Lighter.....No.	24	18
Ratio of Gearing.....		2 to 1
For seams up to.....inches	$\frac{3}{8}$	$\frac{1}{2}$

Setting Down Machines

Columbian Pattern Setting Down Machines



Capacity No. 24 Gauge Iron and Lighter

Number	556
For seams up to.....inches	$\frac{3}{16}$

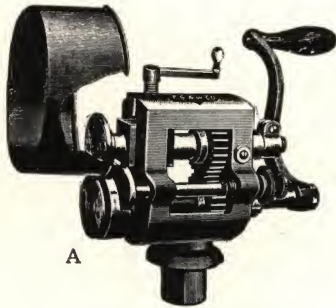
The inclinable face in Pexto Pattern Setting Down Machines Nos. 561-562 adapts them for setting down the seams on differently shaped vessels to better advantage than any other design. Columbian Pattern No. 556 intended where the work is light and of a uniform nature.

PEXTO

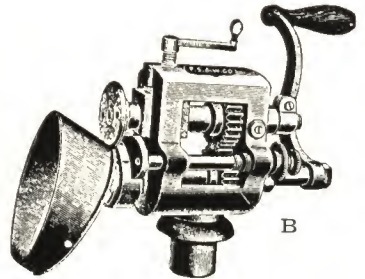
Elbow Edging Machines

No. 551

Columbian Pattern Elbow Edging Machines



A



B

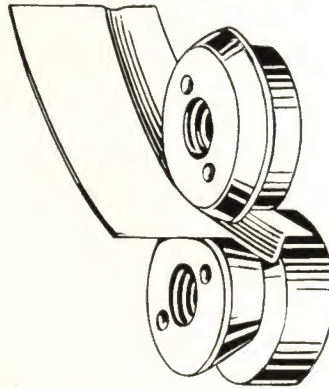
Capacity No. 24 Gauge Iron and Lighter
Number 551

General Description

Illustration "A" shows the position of an elbow in turning the edge, also the form of crease made by the machine to enter corresponding section in completing the elbow as made with rolls design No. 1.

Illustration "B" shows the position of a pipe or elbow in forming the bead to receive the two sections as shown in illustration "A" and is made with the same rolls in design No. 1.

Universal Collar Edging Rolls

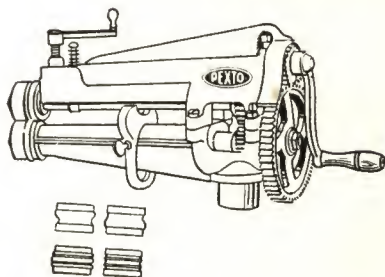


These rolls are designed to form a deep bead or flange of full $\frac{1}{4}$ inch deep and if directions as accompany each pair of rolls are followed, they will not cut the metal.

These rolls will fit Small Turning Machine No. 541 and Elbow Edging Machine No. 551. The collars are cut to the right size and run through the Collar Edging Rolls twice in the flat. The first operation makes about one-half the bead and the next operation the full bead. The collar is then formed up on the Forming Machine or rolls by using the deepest groove in the rolls of the Forming Machine.

PEXTO

Standard Beading Machines

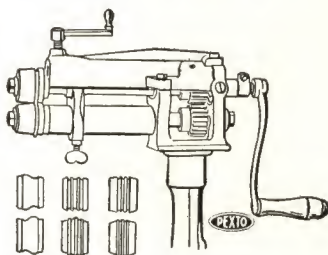


Capacity—No. 20 Gauge Iron and Lighter.

Number	Hand 617	Hand 619
Depth Throat to Frame.....inches	13	7 $\frac{1}{2}$
Depth Throat to Gauge.....inches	12	6 $\frac{3}{4}$
Distance between Shaft Centers.....inches	2 $\frac{5}{8}$	2 $\frac{1}{4}$
Diameter Rolls.....inches	2 $\frac{3}{4}$	2 $\frac{3}{8}$
Width Rolls.....inches	1 $\frac{7}{8}$	1 $\frac{5}{8}$
Ratio of Gearing.....	3 $\frac{1}{3}$ to 1	2 $\frac{1}{2}$ to 1
Size Single Bead in Rolls.....inches	$\frac{3}{8}$	$\frac{5}{16}$
Size Ogee Bead in Rolls.....inches	1	$\frac{7}{8}$
Size Triple Bead in Rolls.....inches	1	$\frac{7}{8}$
Shipped boxed regularly.....weight approx. lbs.	165	110

Note—Standard No. 978 is furnished regularly. Three pairs Beading Rolls are included. Straight Crimping Rolls can be furnished at extra cost. A Guide Rest for supporting long work can be furnished at extra cost. For power furnished more regularly with Tight Pulley but can be arranged with Tight and Loose Pulleys or Treadle Friction Clutch. Recommended to be mounted on iron floor pedestal when arranged for power.

Light Beading Machine



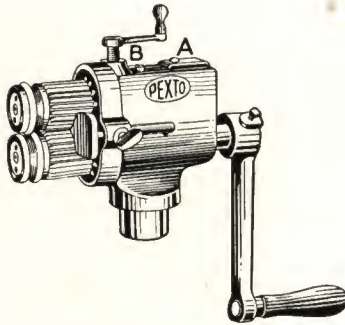
Capacity—No. 24 Gauge Iron and Lighter.

Number	620
Depth Throat to Frame.....inches	6 $\frac{1}{4}$
Depth Throat to Gauge.....inches	5 $\frac{1}{2}$
Diameter of Rolls.....inches	1 $\frac{15}{16}$
Width of Rolls.....inches	1 $\frac{7}{16}$
Distance between Shaft Centers.....inches	1 $\frac{7}{8}$
Shipped boxed regularly.....weight approx. lbs.	50

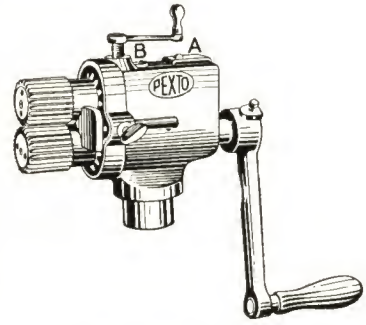
Note—Furnished with four pairs Rolls; one pair each Ogee $\frac{3}{4}$ inch, triple $\frac{5}{8}$ inch, single $\frac{1}{4}$ inch and $\frac{3}{16}$ inch. Improved Standard No. 975 is furnished. Straight Crimping Rolls can be furnished at extra cost.

PEXTO

Common Sense Combination Crimping and Beading Machine



Crimper and Beader



As a Plain Crimper

Capacity No. 24 Gauge Iron and Lighter

Number	Spiral Crimp 581	Straight Crimp 0581
Width crimping rolls.....inches	1 $\frac{3}{4}$	1 $\frac{3}{4}$
Width beading rolls.....inches	1	1
Diameter beading rolls.....inches	1 $\frac{15}{16}$	1 $\frac{15}{16}$
Diameter crimping rolls.....inches	1 $\frac{13}{16}$	1 $\frac{13}{16}$
Size ogee bead.....inches	$\frac{1}{2}$	$\frac{1}{2}$
Shipped boxed regularly.....approximately lbs.	30	30

Note—Furnished complete with one pair of steel blank collars and off-set bench standard.

General Description

A common-sense, direct-acting, Crimping and Beading Machine recently made from new patterns. It fills a long-felt want for a compact, well-constructed, simple but durable machine that may be depended upon to perform with precision and accuracy for making a uniform crimp and bead or crimp only in pipe of black or galvanized iron.

It has been designed for serving every requirement of the large or the small sheet metal shop and will prove an inexpensive, desirable addition to the stove pipe department of the hardware store.

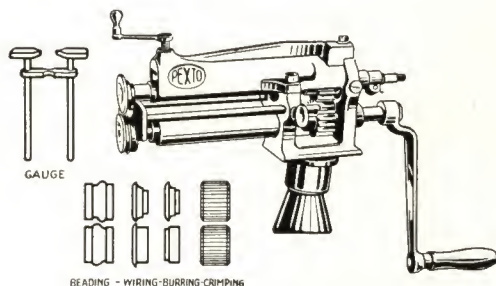
Beading and crimping rolls are countersunk and are held with round nuts which leaves the face of the rolls flush with the arbors. A pair of steel blank collars accompany each machine and when these collars are substituted for the beading rolls the same machine is converted into a plain Cornice Makers' Crimper.

Adjustment at "B" is fixed at the factory to prevent the upper gear running out of mesh and the adjustment under "A" is for setting the upper arbor. However, these adjustments are not to be tampered with inasmuch as the machine is correctly set and made ready for use at the factory.

PEXTO

Allinwon Rotary Machine

Five Operations with One Machine



Capacity—Using crimping or beading rolls No. 26 Gauge Iron and Lighter.

Capacity—Using Turning, Wiring or Burring Rolls No. 24 Gauge Iron and Lighter.

Number		622
Depth Throat to Frame.....	inches	6 $\frac{1}{4}$
Depth Throat to Gauge.....	inches	5 $\frac{1}{2}$
Width Crimping Rolls.....	inches	1 $\frac{7}{16}$
Width Beading Rolls.....	inches	1 $\frac{7}{16}$
Diam. Turning and Wiring Rolls.....	inches	1 $\frac{7}{8}$
Smallest Wire that can be used with Turning Rolls.....	gauge	11
Wiring Rolls will receive wire up to.....	gauge	5
Widest flange or burr that can be turned with Burring Rolls.....	inches	$\frac{3}{16}$
Distance between shaft centers.....	inches	1 $\frac{7}{8}$
Packed one in a box.....	weight approx. lbs.	60

Note—Furnished complete with standard and five pairs of rolls, viz.; crimping, beading, turning, wiring, and burring and one extra gauge. Extra special rolls quoted on receipt of specifications. Provided with forward and reverse drive.

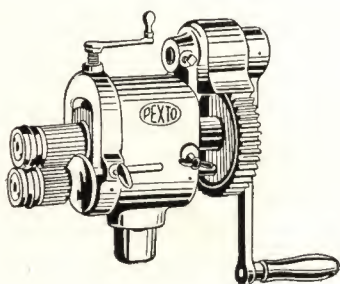
General Description

The introduction of this Combination Machine does not substitute the use of separate machines for different operations. For the active shop there is no economy found in one machine that will do the greatest number of operations. The changing of Rolls many times a day is a time killer. Where several mechanics are employed machines should be set up ready for use.

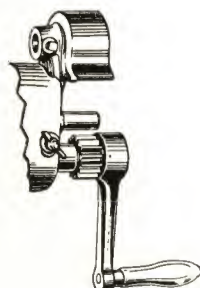
However for the one man shop where a set of machines is idle a great part of the time a Combination Machine of this type will answer all purposes.

PEXTO

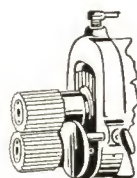
Interchangeable Crimper and Beader



Geared



Direct Drive



As a Plain
Crimper

Capacity—No. 20 Gauge Iron and Lighter.

Number	Straight Crimp Rolls 0585	Spiral Crimp Rolls 585
Diameter Beading Rolls.....inches	1 ¹⁵ / ₁₆	1 ¹⁵ / ₁₆
Diameter Crimping Rolls.....inches	1 ¹³ / ₁₆	1 ¹³ / ₁₆
Width Crimp Rolls.....inches	1 ³ / ₄	1 ³ / ₄
Width Bead Rolls.....inches	1	1
Size Ogee Bead.....inches	1/2	1/2
Ratio Gearing.....	3 to 1	3 to 1
Distance between Shaft Centers.....inches	1 ³ / ₄	1 ³ / ₄
Shipped boxed regularly.....weight approx. lbs.	65	65

Note—One pair Blank Rolls is furnished. Foot Treadle Attachment for depressing Upper Roll can be furnished at extra cost. For not heavier than No. 24 gauge.

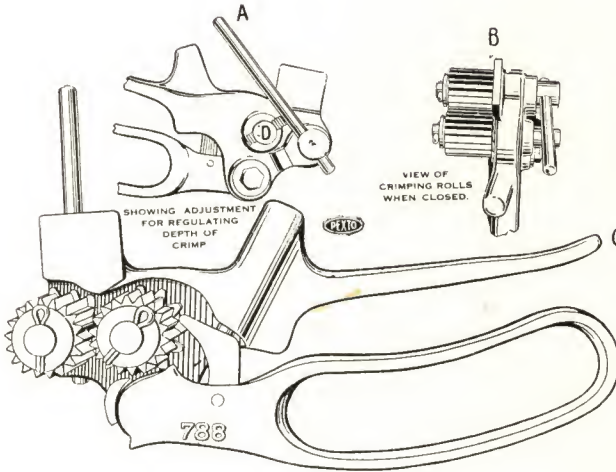
General Description

A very practical feature is offered in the arrangement of the Driving Gears. Two speeds are provided for; back-gearred for heavy stock and direct drive when lighter gauges of materials are used. The Driving Gear can be removed and the machine converted instantly into a Direct Acting Crimper by attaching the Crank to Lower Shaft. Connecting Gears are of Machine Cut Steel; the frame and Cap machined to insure perfect fit of all working parts for accurate and uniform work. Rolls are made of a high-grade steel, scientifically hardened, and the Gauge is of extra wide proportions made from tool steel properly hardened. Adjustments are provided for regulating the relative depth of Crimp and Bead. The adjustments will be found in a Wedge between the rear bearings. This Wedge is adjusted by Wing Nuts in front and back of frame near handle end. The Upper Shaft can be tipped toward front or back, as desired, thus making a deep crimp and shallow bead, or shallow crimp and deep bead. Faces of rolls are flush with their arbors. When the Blank Rolls as furnished are placed behind the Crimping Rolls a plain crimper is procured.

PEXTO

Companion Hand Pipe Crimper

No. 788



Capacity No. 26 Gauge Iron and Lighter

Number	788
Weight.....lbs.	17/8
Length over all.....inches	8
Price.....each	
Packed one in a box.....	

General Description

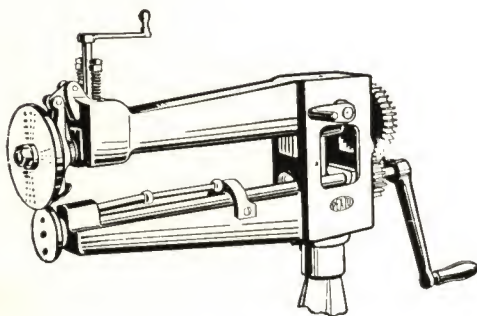
A needed companion tool for the mechanic engaged in pipe making or hanging. In the shop, and particularly on outside jobs, no kit is complete without this handy tool. To crimp a piece of pipe with machine-like effect and precision simply slip the end of the pipe to be crimped between the crimping rolls. Close the rolls by pushing down lever as shown in sectional cut at "A." The sectional cut "B" gives another view of crimping rolls when closed. With an up-and-down movement of the handle "C" by means of a ratchet the rolls rotate, making a perfect crimp in the pipe. The depth of crimp is regulated through a simple adjustment of the screw at "D" in the sectional cut.

A tool skillfully designed, well constructed, easy working, simple to operate and the first of its kind ever offered.

A Pexto innovation for fulfilling a long-felt want of the Mechanic.

PEXTO

New Moore's Double Seamer



Capacity—No. 26 Gauge Iron and Lighter.

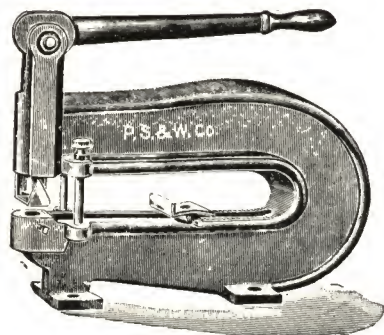
Number		644	646
Will receive Work in Depth.....	inches	15 1/2	10
Size of Lower Seaming Roll.....	inches	2 3/4	2 3/4
Shipped boxed regularly.....	weight approx. lbs.	100	65

Improving Samson Punch with Adjustable Gauge

Nos. 675-676

General Description

Pexto Samson Punches are designed for great strength and rigidity making them exceptionally useful machines for general work. The Deep Throat in these machines will be found a great advantage. The Dies and Punches as regularly made are intended for use on stock up to their full rated capacity but where clean punching in tin or light metal is desired a closer fitting Die is preferable which can be furnished when so ordered at the price of the regular Dies. Fitted with adjustable gauge.



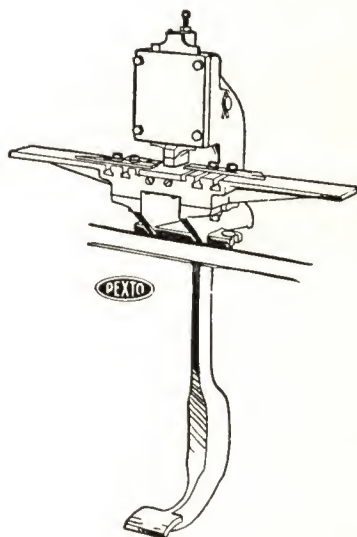
Number	675	676
Will punch with stay bolts in place		
Iron.....gauge	9 1/4-5/16-3/8" hole in 3/8" iron.	
Will punch with stay bolts removed		
Iron.....gauge	12 1/4" hole in 1/4" iron, 5/16-5/8" holes in 3/16" iron.	
Depth of Throat to Frame.....inches	15	15
Depth of Throat to Gauge.....inches	14 1/2	14 1/2
Will center sheets with stay bolts in place.....width inches	7	7
Will center sheets with stay bolts removed.....width inches	30	30

PEXTO

Notching Machine

No. 737

Capacity No. 22 Gauge Iron and Lighter

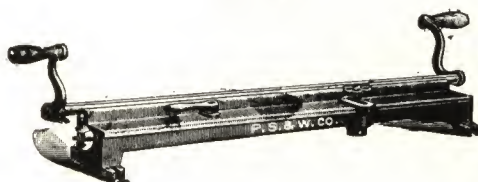


Number 737
Size of regular Dies. 1 x 2 in.

An exceedingly well constructed pendulum lever Notching Machine, intended for notching blanks of pieced sheet metal ware, for cutting the corners of square pans and hinge notches of boxes and similar work.

Adjustable Gutter Beader

No. 700



Number 700
Length. 31 inches

General Description

Gutter Beaders are intended for forming a bead on the edge of gutter. This Machine is so constructed that it can be easily adjusted to be used with Rods from $\frac{3}{8}$ to $\frac{7}{8}$ inch in diameter. The thickness of the metal is determined by the size of the Rod. It has a Gauge or Stop on the left-hand end, so that after adjusting the Jaws and setting the Gauge for the size of the Rod to be used the Jaws can be easily opened to remove the work and Rod, and then closed to exactly the same position as when the bead was formed so that the operator can form any number of beads of exactly the same size. The Jaws are adjusted by a Hand Wheel with Rack and Pinion which adjusts both ends of the movable Jaw. When ordering specify size rod desired.

PEXTO Steel Straight Edge

Nos. 994-995



These Straight Edges are made of steel and have beveled edges. They are invaluable around the shop for laying out work in general.

Number	994	995	993
Length.....inches	48	96	120
Width.....inches	$2\frac{1}{4} \times 1\frac{1}{4}$	$2\frac{1}{4} \times 1\frac{1}{4}$	$2\frac{1}{4} \times 1\frac{1}{4}$

Solid Mandrel Stakes



Cast Iron with Polished Faces

Number	960 $\frac{1}{2}$	961	962
Length to Standard.....inches	40	$34\frac{1}{2}$	30
Diameter.....inches	3	$2\frac{3}{4}$	$2\frac{1}{4}$

Hollow Mandrel Stakes

No. 910 Series

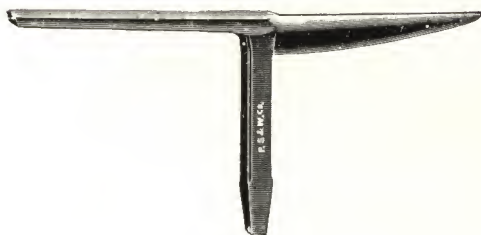


Number	910	911
Entire Length.....inches	40	60

PEXTO

Beakhorn Stake

Nos. 901-904



Wrought Iron with Steel Faces

Number		901	904
Round End, Length	inches	16 $\frac{1}{2}$	14
Flat End, Length	inches	21 $\frac{1}{2}$	19

Blow Horn Stake

No. 925



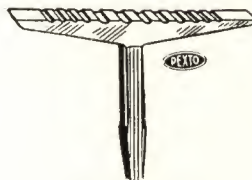
Wrought Iron with Steel Faces

Number		925
Large End, Length	inches	9
Small End, Length	inches	18

Creasing Stakes



No. 927, with Horn



No. 928, Plain

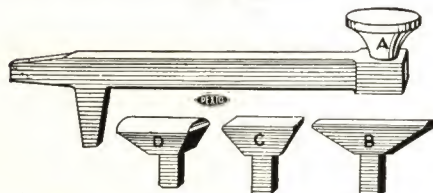
Wrought Iron with Steel Faces.

Number		927	928
Size Grooves for Wire	No. 2, 3, 6, 7, 8, 9	1, 3, 4, 6, 7, 9	
Round End, Length	inches	12	
Flat End, Length	inches	6 $\frac{3}{4}$	
Entire Length Top	inches		15
Diameter Round End at Largest Point	inches	1 $\frac{1}{2}$	
Diameter Round End at Smallest Point	inches	$\frac{7}{16}$	
Packed as ordered	Weight, lbs.	12	11 $\frac{1}{2}$

PEXTO

Double Seaming Stake

No. 949



Cast Iron with Polished Faces

Stakes

Wrought Iron with Steel Faces



Bevel Edge Square Stake
Nos. 931-932



Coppersmiths' Square Stake
No. 935



Square Stake
Nos. 936-938-939

Number	931	932	935	936	938	939
Size of Face. inches	3x5	2½x4½	2¾x4½	2¾x4½	3½x5	1¾x2½

Hatchet Stakes

Wrought Iron with Steel Faces



Number	941	943	944
Length of Blade. inches	16	13	11

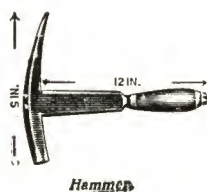
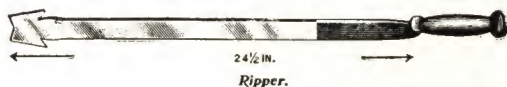
Cast Iron Bench Plates

Nos. 980-981-982

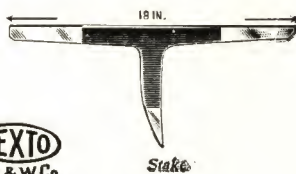


Number	980	198	982
Length. inches	48	37½	30

PEXTO Slaters' Tools



PEXTO
P.S. & W. Co.



Rippers

No. 986 Regular 24 1/2 inches, weight, 2 14-16 lbs.

No. 986 1/2 Short, made special to order.

Hammers

No. 987 Regular, weight, 1 3/4 lbs.

No. 987 1/2 Left Hand, net extra.

Stakes

No. 988 Regular, weight, 2 2-16 lbs.

No. 988 1/2 24 inches.

Punch

No. 989.

General Description

These tools used extensively in the laying and repairing of slate and other kinds of roofing are drop forged from the Highest Grade materials. The blade of the Ripper is drawn down very thin from tool steel having a forged handle. Hammers are made of solid forgings from crucible cast steel with properly tempered head, point and cutting edges. A Leather Handle that will not break or wear out easily, smoothly finished to fit the hand snugly is used on our Slater's Hammer. Stakes and Punches are forged from cast steel.

PEXTO

Squeezing Tongs with Pipe Handles



SQUEEZING
No. 766

Number 766
Length of squeezing jaw, inches $11\frac{1}{2}$
Depth of squeezing jaw, inches $\frac{7}{8}$

Roofing Tongs

Number
770 $\frac{1}{2}$ 770 $\frac{3}{4}$ 771 771 $\frac{1}{4}$ 771 $\frac{1}{2}$ 771 $\frac{3}{4}$ 772
Will turn one size lock, inches—
 $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2



REGULAR ROOFING TONGS
No. 770 $\frac{1}{2}$ SERIES.



STOWS IMPROVED TONGS
No. 773

Stow's Improved Adjustable
Roofing Tongs
Will turn five widths of locks, inches

Number 773
 $\frac{1}{2}$ $\frac{3}{4}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$

PEXTO

Gutter Tongs



GUTTER TONGS

No. 777

Number	777
Depth of Jaws.....inches	14
Length of Blades.....inches	12½

Double Roofing Seamers

Nos. 742-742½-0742

Burritt's Patent Roofing Double Seamers

Number	742	742½	0742
--------	-----	------	------

Note—Nos. 742-742½ are fitted for I. C. Tin. No. 0742 is fitted for Iron Roofing not heavier than 28 gauge for single or double seam. Common gauge Seamers No. 742 follow 1 and 1¼ inch Tongs finishing a lock ¾ inch high. Wide gauge Seamers No. 742½ follow 1¼ and 1½ inch Tongs finishing a lock 1 inch high. Iron Roofing Double Seamers No. 0742 are made in wide gauge only and follow 1½ and 1¾ inch Tongs finishing a double seam 1 inch high. Specify by number. Where Seamers are ordered in half sets, be sure to specify whether the first or second set of Seamers are desired.



General Description

Double Seamers for Tin Roofing

Nos. 742-742½

These Roofing Double Seamers for Standing Lock will do the work more evenly than by any other process, and leave the formed lock of uniform height. They will work well over uneven roof boarding and will double seam hips and ridges with perfect ease.

The first pair of Common-gauge Seamers finish 1 inch seam, single lock, and is numbered 7 on the Outside Bar and 8 on the Center Bar.

The second pair of Common-gauge Seamers finishes ¾ inch seam, double lock, and is numbered 9 on the Center Bar and 10 on the Outside Bar.

The first pair of Wide-gauge Seamers, finishes seam 1¼ inch, single lock, and is numbered 5 on the Outside Bar and 3 on the Center Bar.

The second pair Wide-gauge Seamers finishes seam 1 inch, double lock, and is numbered 4 on the Center Bar and 6 on the Outside Bar.

Double Seamers for Iron Roofing

No. 0742

The first pair of Iron Roofing Seamers finishes seam 1½ inches, single lock, and is numbered 22 on the Outside Bar and 23 on the Center Bar.

The Second pair of Iron Roofing Seamers finishes seam 1 inch, double lock, and is numbered 20 on the Outside Bar and 21 on the Center Bar.

PEXTO

Cross Lock Seamer

Nos. 740-741

Burritt's Patent Cross Lock Seamer

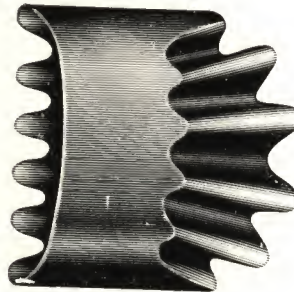


Number	740	741
For Roofing Plates,		
size, inches	20	28

This machine is constructed for fastening together Tin Plates for roofing and forms the roll ready to lay on the roof.

Operating directions are packed with each machine.

Eave Trough End Closing Form



Sizes	3½	4	4½	5	6
-------	----	---	----	---	---

With the use of these Eave Trough End Closing Forms the ends of eave trough can be closed much neater and quicker than with any other method. The Form is placed in gutter and the iron is worked into grooves with a Hammer producing a corrugated, closed end in any eave trough on which the Forms are used, as shown in the illustration.

A paper pattern showing how to cut end of trough and complete working instructions are packed with each Form.



Roofing Double Seamers

No. 743 Series

Hand Roofing Double Seamers

Number	743	744	745	746
Sizes inches	½x ¾	¾x1	1 x1¼	1¼x1½
Match up with Roofing Tongs inches	¾x1	1 x1¼	1¼x1½	1½x1¾

PEXTO

Wood Roofing Folders



Roofing Folder Nos. 13C-23C-33C



Roofing Folder 113 Imp.-123 Imp.

Number	13C	23C	33C	113 Imp	122 Imp
Number.....inches	20	28	30	20	30
Will form locks size.....inches	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{3}{16}-\frac{3}{8}$	$\frac{3}{16}-\frac{3}{8}$

Note—C after number signifies Common Type and fitted for one size lock only. Imp. after number signifies Improved Pattern with Adjustable Gauge.

General Description

The same care as is exercised in constructing other high priced Folding Machines in the Pexto line is given to Wood Roofing Folders. They are different than the average Wood Roofing Folder on the market which is made in cheap construction to fit a common purpose. Pexto Wood Roofing Folders, while made for the same purpose, are constructed with well seasoned wood with blades fitted of a high-grade, special steel, accurately machined and finely finished. Hinges and Handles used are not of the cheap grade. They are constructed throughout in a workmanshiplike manner.

Sheet Metal Reamer and Socket Wrench

Socket Wrench

Socket Wrench



$\frac{1}{2}$ inch Square Hole

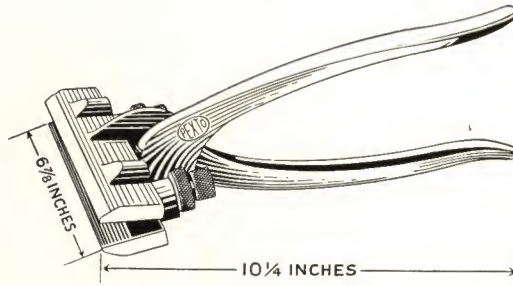
$\frac{3}{8}$ inch Square Hole

Number	792
Length Tool Over All.....inches	7

PEXTO

Jumbo Handy Seamer

No. 795



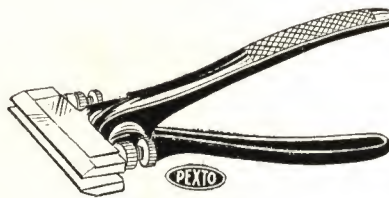
Number	795
Weight, each..... lbs.	3
Length of Blade..... inches	6 ⁷ / ₈
Width of Blade..... inches	1 ³ / ₁₆
Size over all..... inches	10 ¹ / ₄
Adjustable for seams of different widths up to..... inches	1
Packed as ordered.....	

General Description

The name Jumbo is derived from the difference in the size of this Handy Seamer over the one shown below. It is larger and heavier and patterned in keeping with the requirements of the roofer and for such work demanding a well balanced substantial tool of this kind. A knurled adjustable screw gauge with knurled lock nuts is provided.

Handy Seamer

No. 791

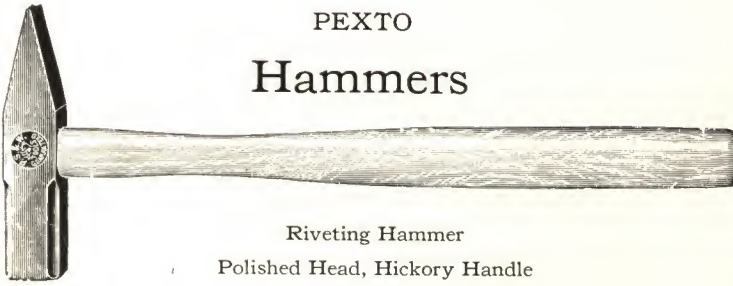


Number	791
Size over all..... inches	7 ¹ / ₄ x 3 ¹ / ₂
Adjustable for seams..... inches	⁵ / ₁₆ to ⁷ / ₈

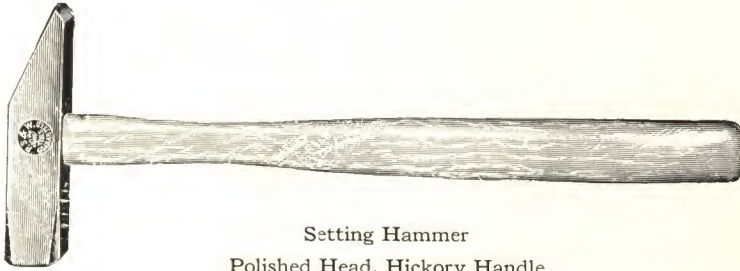
General Description

A handy Pocket Seamer, very useful where a larger Seamer would not be practical. It is adjustable for seams of different widths and as it is light, it can be carried in tool kit or pocket making a handy tool for outside work.

PEXTO Hammers



Riveting Hammer
Polished Head, Hickory Handle



Setting Hammer
Polished Head, Hickory Handle

Riveting Hammers

Number	0	1	2	3	4	5
For	Heavy Work	Sheet Iron	Tin	Tin	Tin	Tin
Size of Face . . . inches	1½	1⅛	1	7⁄8	¾	5⁄8

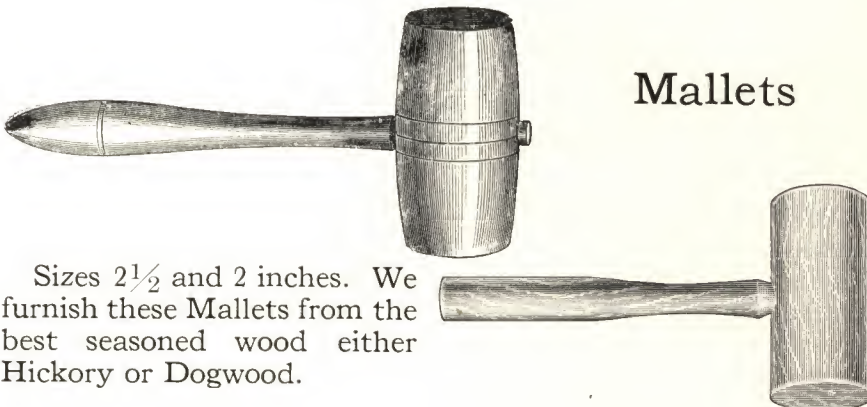
Setting Hammers

Number	1	2	3	4	5
Size of Face inches	1⅛	1	7⁄8	¾	5⁄8

General Description

Pexto Setting and Riveting Hammers are forged from the highest grade crucible steel, are carefully tempered and hardened and thoroughly tested. The heads are full polished and handles are made of selected second growth hickory. These Hammers are of correct design for Sheet Metal Workers' use and have withstood the test for years in the hands of mechanics who have come to know that the quality is always the same.

Mallets



Sizes 2½ and 2 inches. We furnish these Mallets from the best seasoned wood either Hickory or Dogwood.

PEXTO

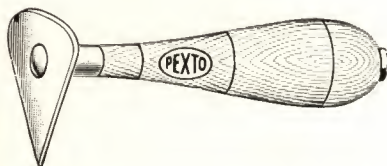
Tinners' Roofing and Plumbers' Scrapers



Roofing Scraper No. 996

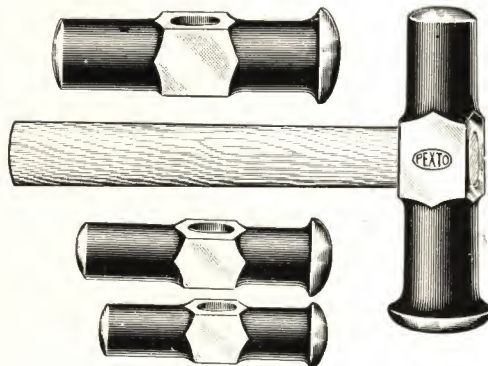
These Scrapers are forged from the highest grade of steel, are well tempered, finely finished and in all respects are perfect tools.

Plumbers' Scrapers



The style and finish of these Scrapers are in keeping with present-day requirements and will prove practical for general use.

Raising Hammers



Raising Hammers, Handled

Number	1	2	3	4
Weight each oz.	82	60	36	28
Size of Faces inches	$2\frac{1}{8} \times 1\frac{3}{4}$	$2 \times 1\frac{1}{2}$	$1\frac{5}{8} \times 1\frac{3}{8}$	$1\frac{3}{8} \times 1\frac{1}{8}$

PEXTO

Bumping or Finishing Hammer

No. 10



Weight without Handle 14 ounces

Size of Square Face, $1\frac{1}{4}$ inches. Diameter of Round Face, $1\frac{1}{4}$ inches. Length of Head, 4 inches. Length over all, $12\frac{1}{2}$ inches.

Drop Forged from one piece solid Tool Steel with Highly Polished Faces. A desirable finishing hammer is offered in this pattern. It is well adapted for Raising on Planished Metals. Black finish. Selected second growth hickory handles.

Grooving Tools



Hand Groover

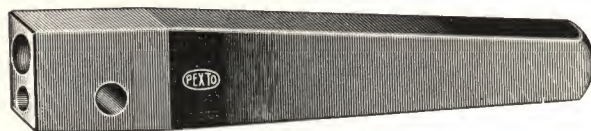
Number	0000	000	00	0	1	2	3	4	5	6	7	8
Size of Grooves, inches.	$\frac{19}{32}$	$\frac{17}{32}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{9}{32}$	$\frac{7}{32}$	$\frac{5}{32}$	$\frac{1}{8}$	$\frac{7}{64}$	$\frac{3}{32}$

General Description

Pexto Hand Groovers are forged from a special, tough, high-grade steel, scientifically hardened Heads are highly polished. They are known the country over as being of the highest grade of excellence and the Tinsmith or Sheet Metal Worker who does not use them in preference to all others is the exception and not the rule.

PEXTO

Rivet Sets and Headers



No. 46 Tinnerns' Special Forged Steel Rivet Sets
Gum Metal Finish

Size	00	0	1	2	3	4	5	6	7	8
Size of Hole, ins.	$\frac{5}{16}$	$\frac{9}{32}$	$\frac{15}{64}$	.2130	.1910	.1660	.1495	.1405	.1285	.1100
Drill Ga. No.	$\frac{5}{16}$	$\frac{9}{32}$	$\frac{15}{64}$	3	11	19	25	28	30	35
For Iron Rivets, lbs.	14	10-12	7-8	6	4-5	$2\frac{1}{2}$ -3	$1\frac{3}{4}$ -2	$1\frac{1}{2}$	$1-1\frac{1}{4}$	10-12 oz.
For Copper Rivets Nos.		5	6	7	8	9	10	12	13	14
For Copper Rivets, ins.	$\frac{1}{4}$	$\frac{7}{32}$	$\frac{3}{16}$	$\frac{5}{32}$	$\frac{9}{64}$	$\frac{1}{8}$	$\frac{7}{64}$	$\frac{3}{32}$	$\frac{3}{32}$	

General Description

These Sets forged from a high quality steel are made with a view to satisfactorily filling the requirements of hard service. They embody not only the best materials but the highest grade workmanship. Highly adapted for workers in sheet iron, copper, brass, etc.

Cold Chisels

No. 100



Octagon Pattern—Blade and Head Polished

Number											100
Width Blade inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	
Diameter inches	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	1	$1\frac{1}{8}$	
Length inches	$5\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	6	6	$6\frac{5}{8}$	$7\frac{1}{2}$	$7\frac{3}{4}$	8	$8\frac{1}{2}$	
Weight per dozen lbs.	$\frac{3}{4}$	$1\frac{1}{2}$	2	3	$3\frac{1}{2}$	7	10	18	20	25	

Packed one dozen in a box, $\frac{1}{4}$ to $\frac{7}{16}$, inclusive

PEXTO

Hollow Punches



Forged Steel

Price, all sizes to and including $1\frac{3}{4}$ inch in diameter.....per inch.....

Price, sizes larger than $1\frac{3}{4}$ inch up to and including $3\frac{1}{2}$ inches.....per inch

NOTE—Hollow Punches ordered in 16th sizes will take the List of next size Larger Punches in 8ths. Example— $\frac{5}{16}$ inch takes $\frac{3}{8}$ inch List; $\frac{7}{16}$ takes $\frac{1}{2}$ inch List, etc. Sizes $1\frac{1}{2}$ inch and smaller are forged steel. Larger sizes have wrought shank.

Sizes $\frac{1}{4}$ to $1\frac{1}{2}$ inch packed $\frac{1}{2}$ doz. in carton. Larger sizes packed as ordered.

Punches



Solid Punch



Prick Punch

Octagon Forged Steel Solid Punches

Number	Prick	1	2	3	4	5	6	7	8	9	10
Length, ins.	$4\frac{1}{2}$	$4\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
Size of face, diam. ins.	.280	.250	.225	.213	.188	.168	.145	.128	.114	.093	.093
For Rivets..... lbs.	14	12	9-10	7-8	4-5-6	3-3 $\frac{1}{2}$	2-2 $\frac{1}{2}$	1 $\frac{1}{4}$ -1 $\frac{1}{2}$ -1 $\frac{3}{4}$	$\frac{3}{4}$ - $\frac{7}{8}$ -1	$\frac{1}{2}$ - $\frac{5}{8}$	

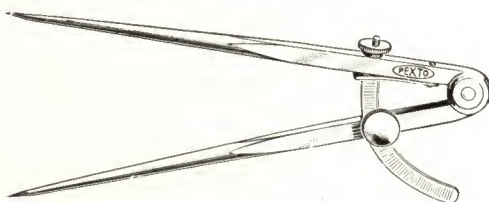
Packed 1 doz. in a carton.

PEXTO

Dividers

No. 165

Forged Steel—Nickel Plated—Hardened Point



These Dividers are without question the finest and most attractive tools of their kind made. Forged from the highest grade of steel, the upper part of legs are perfectly square, the lower part having a long taper. Head is large, firm and symmetrical. Wings are knurled to hold special point which we put on thumb screw. All parts are highly polished and heavily nickel plated. Owing to their special hardened points, they are preferable over any others for the Sheet Metal Worker.

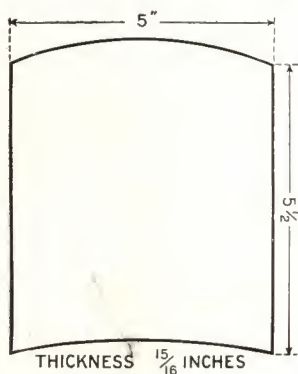
Number 165	inches	6	7	8	10	12	15	18	24
Weight per dozen	lbs.	3½	4¼	4½	7¾	9½	14	20	35

6, 7 and 8 inches in boxes of one dozen each.

10 and 12 inches in boxes of ½ dozen each.

Hand Dolly

No. 947



New Number
Code Word

947
Pextodolly

Weight, each	lbs.	8½
Size Face	inches	5x5½
Thickness of Head	inches	15/16

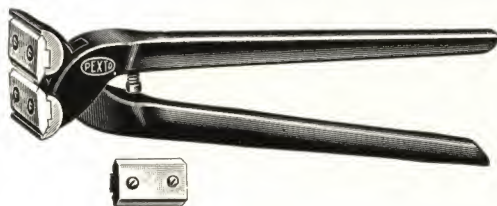
Packed as Ordered

General Description

With the introduction of the Hand Dolly the sheet metal mechanic has found a profitable tool to aid his progress. The illustration will suggest uses for the Hand Dolly. As a support inside of tanks when seaming by hand the Dolly is invaluable. A variety of operations in general sheet metal working practice which cannot be handled to advantage over the regular bench Stake might be more economically effected with a Stake of this pattern. A desirable addition to equipment in the auto repair shop. Your set of Stakes is not complete without the Hand Dolly. Well balanced with snug fitting handle and PEXTO quality commends this tool to the practical worker.

PEXTO

Cutting Nippers



With Interchangeable Cutters

Number	0	1	3	4	5
Weight per dozen.....lbs.	41½	27¼	16¾	9¾	8¼
Width, Cutting Jaw.....inches	2	1½	1¼	1⅛	1⅙
Length.....inches	14	12	10	8	6
Price.....each					
Packed ½ dozen in carton.....					

Round Nose Pliers



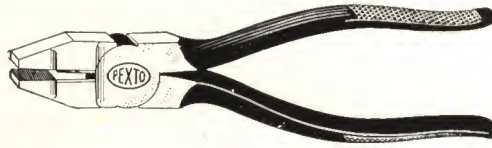
Box Joint, Round Nose, Forged Steel

Inches.....	3	3½	4	4½	5	5½	6	7	8
Weight in lbs. per dozen	¾	1	1½	2	2¾	3	3¾	6¾	9
No. 25—Blued Handles									
.....per dozen									

In boxes of One each. In cartons of Six each. One Gross in a case. Pliers can be furnished Nickel Plated to Order, at extra cost.

PEXTO

Side Cutting Pliers



Lap Joint

The No. 40 Plier is a high grade Plier, forged from Crucible Steel, finish with Blued Handles. It is fully guaranteed.

Inches.....	4	5	6	7	8
Weight in lbs.....per dozen	2	2½	5	6½	10½
No. 40—Blued Handles.....per dozen					

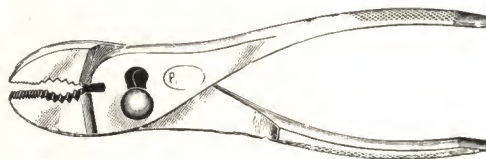
Flat Nose Pliers



Box Joint, Flat Nose, Forged Steel

Inches.....	3	3½	4	4½	5	5½	6	7	8
Weight in lbs. per dozen.	¾	1	1½	2	2¾	3	3¾	6¾	9
No. 20 Blued Handles.....per dozen									

Slip Joint Pliers



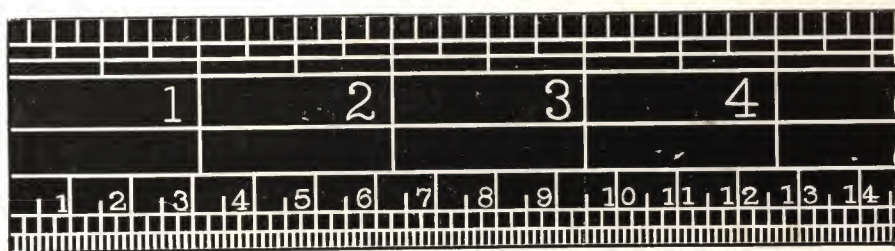
The No. 5 Slip Joint Plier is one that is sure to meet with instant favor. Without a doubt, it is the most useful type of Pliers made.

For the Automobilst, Mechanic, Plumber, about the house or store, the No. 5 Slip Joint Plier may be used anywhere for practically everything.

The Slip Joint type of design, permitting a wider opening of the burner jaws, is an aid to all-around use.

Size in inches.....	6	8	10
Weight in lbs.....per dozen	6	8	12
No. 5—Polished Head Blued Handles...per dozen			
No. 5 N. P.—Full Nickel Plated.....per dozen			

Circumference Rule



Section of Rule, Entire Length, One Yard

General Description

A Steel Rule that will prove invaluable for laying out work in general. The cut is an exact representative so far as shown; its entire length is 36 inches. The upper line is the ordinary Rule graduated by eighths of an inch. The lower line shows at a glance the exact circumference of any cylinder by simply ascertaining the diameter, i. e. a vessel 5 inches in diameter the Rule indicates to be $15\frac{3}{4}$ inches in circumference. The reverse side contains much useful information in large plain figures regarding the sizes of sixty different articles, such as cans, measures, pails, etc., with straight or flaring sides, flat or pitched top, liquid and dry measures in quarts, gallons and bushels. First is given the dimensions for vessels holding 1 to 5 gallons liquid measure; second, one-quarter to 2 bushels dry measure; third, pans with pitched tops 1 to 10 gallons; fourth, cans with flat top 1 to 200 gallons; fifth, vessel holding 1 to 8 quarts and $\frac{1}{2}$ bushel to 3 bushels dry measure.

Number

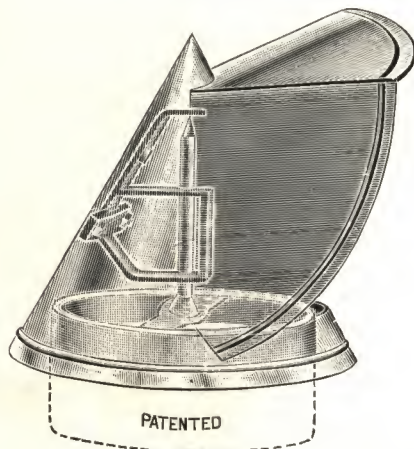
101 Polished 107 Nickel Plated

No. 01 Ring Scratch Awl Solid Steel

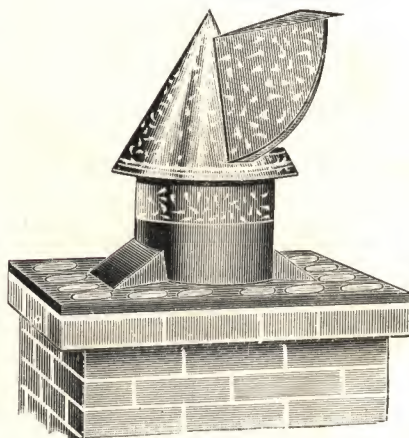


This Scratch Awl is correct in design, forged from high-grade steel and has properly hardened point, making it the most desirable for the requirements of the Sheet Metal Worker.

New Rotatable Standard Ventilator



Has a Sensitive Bearing



Patented

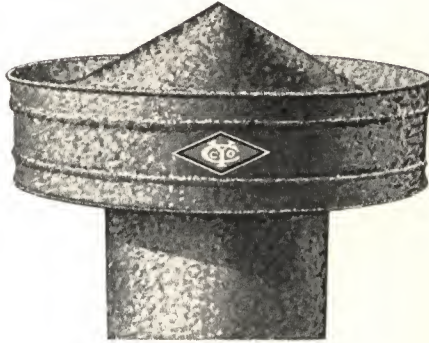
One of the most durable and efficient ventilators on the market. Has a sensitive bearing not affected by heat or cold and never requires lubrication.

Size	inches	4	5	6	7	8	9	10	12	14	16
Each, Gal. Steel		\$2.20	\$2.40	\$2.60	\$2.80	\$3.20	\$3.50	\$4.20	\$5.40	\$7.50	\$10.80
Each, Gal. Ingot		2.70	2.90	3.10	3.40	3.80	4.20	5.00	6.50	9.00	13.00

Larger Sizes Made to Order

Discount per cent

York Ventilator



This ventilator is designed to meet the demand for a good ventilator at a reasonable cost. It has been tested in the field of service for a number of years and we guarantee it to give satisfaction.

Made from Galvanized Steel, Keystone, Toncan, Ingot or Copper.

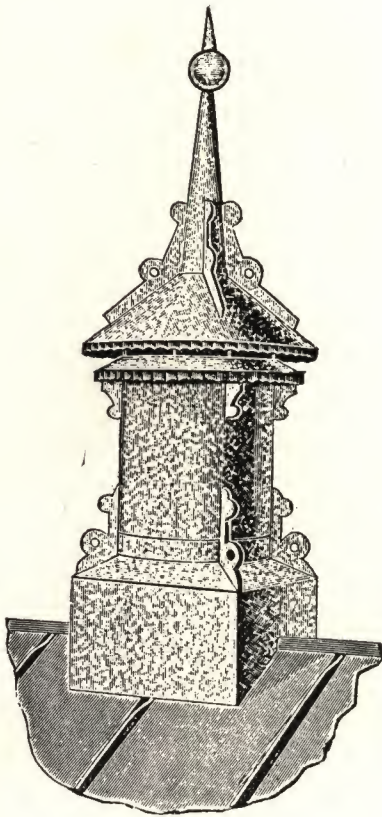
Size, Inches	Gauge	Capacity, Sq. In.	List Price, Each
8	26	51	\$6.50
10	26	79	7.50
12	24	113	9.00
14	24	154	10.50
16	24	201	12.00
18	24	255	13.00
20	22	314	14.00
24	22	453	16.00
30	22	707	24.00
36	20	1018	31.00

Discount

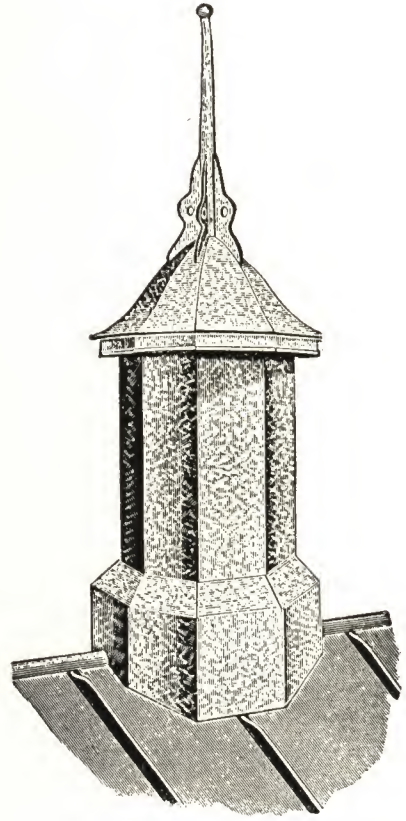
Ventilators

Cheapest and Best Ventilators Made

For removing Heat and Odors from Factories, Stables, Paper Mills, Chemical Rooms, Silk, Woolen and Cotton Mills, Foundries, Engine, Round and Gas Houses, Depots, Halls and Hospitals.



Style A (Round)

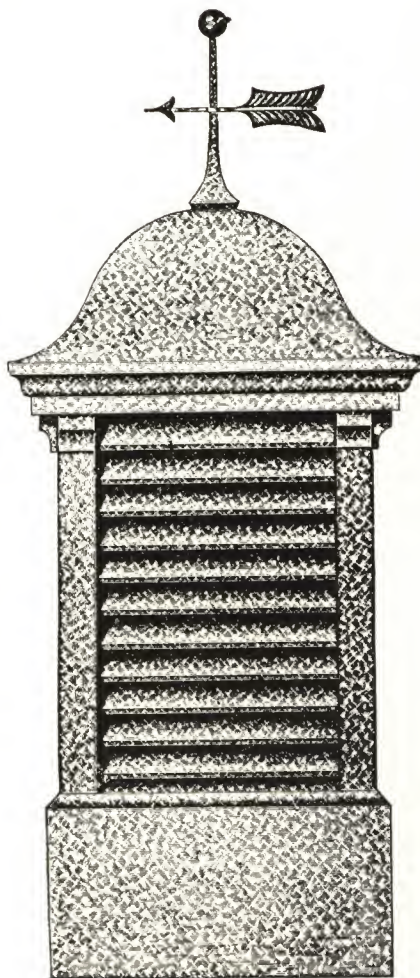


Style B (Octagon)

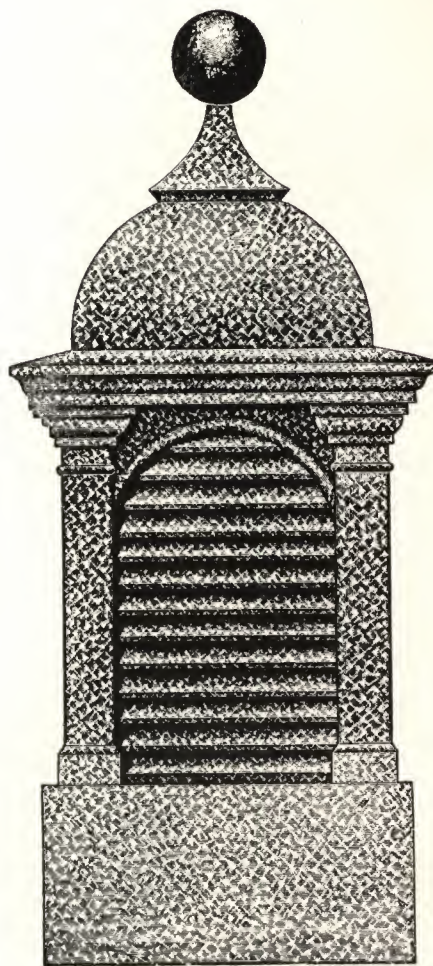
Made of Heavy Galvanized Iron

- No. 0—18 inch Base, 12 inch Drum, 5 ft. high
- No. 1—22 inch Base, 15 inch Drum, 6½ ft. high
- No. 2—28 inch Base, 21 inch Drum, 8½ ft. high
- No. 3—35 inch Base, 29 inch Drum, 11 ft. high

Louvre Ventilators



Style C
Square

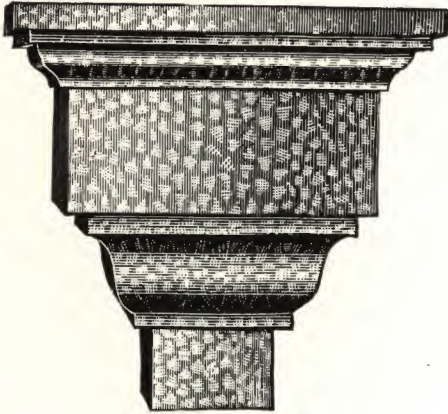


Style D
Square

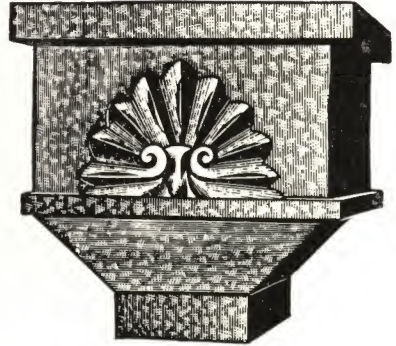
Base	Gauge	Height
18 in.	24	5 ft.
24 in.	24	6½ ft.
30 in.	22	8 ft.
36 in.	22	10 ft.

Conductor Heads

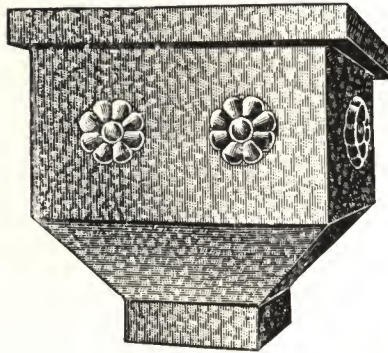
Made of
Galvanized Iron



Style A



Style B

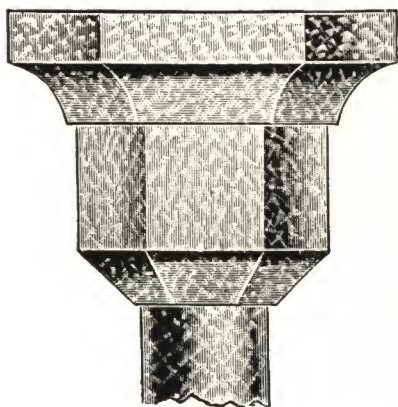


Style C

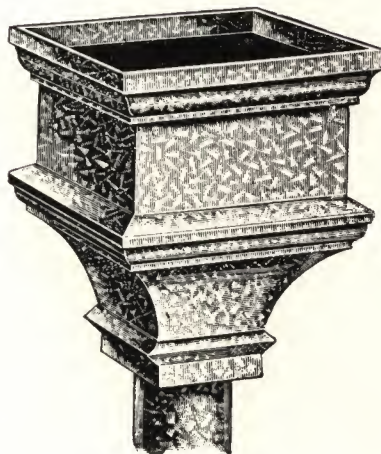
Prices for Copper Quoted on Application.
Different Styles Made to order.

Conductor Heads (Continued)

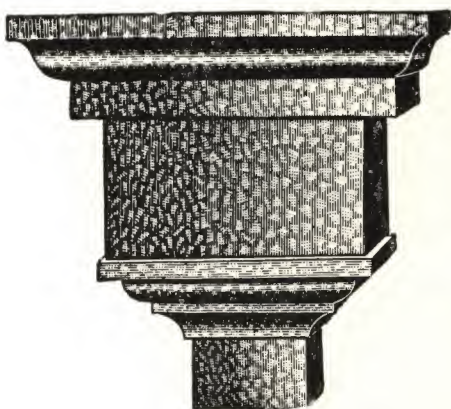
Made of
Galvanized Iron



Style E



Style F



Style D

Prices for Copper Quoted on Application.
Different Styles Made to order.

Galvanized Iron Skylights

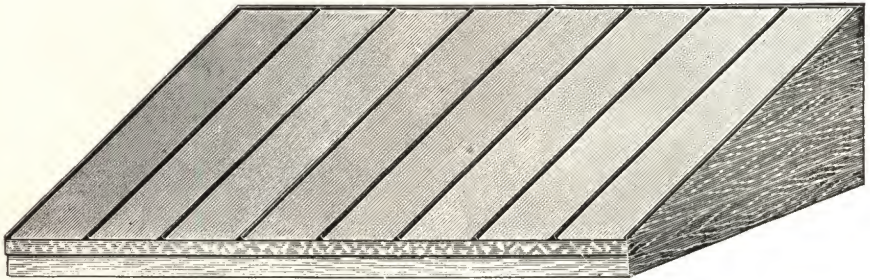
With or Without Glass

Any style or design. Frames made of Galvanized or Copper.

Either plain, or wired glass.

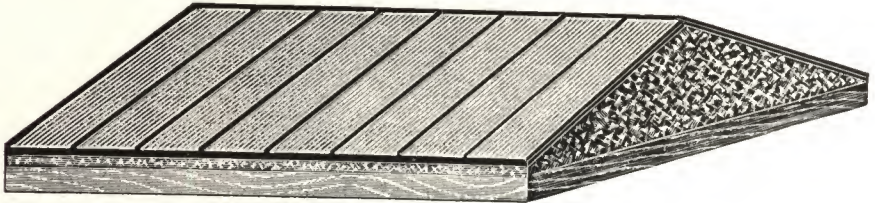
Our Skylights will not drip when properly applied, as provision is made for drainage of condensation.

Frames made to fit on Wood Curb.



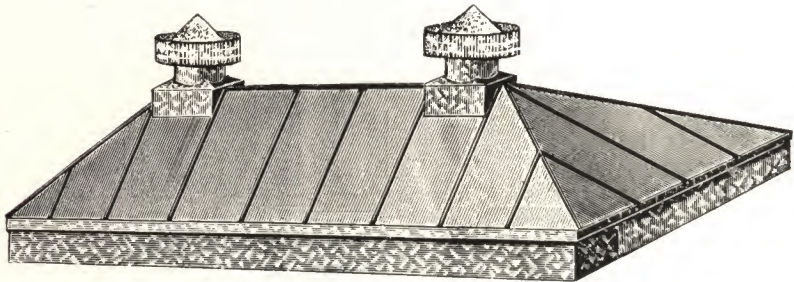
No. 1

Single Pitch—Is hinged when required and used as a scuttle. Wood Curb not furnished.



No. 2

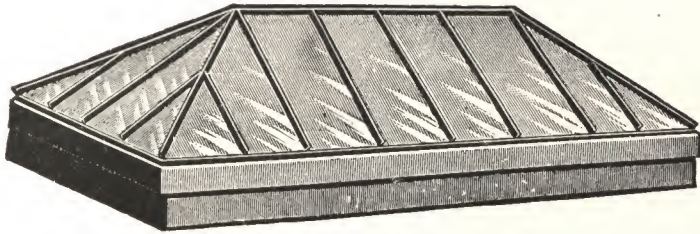
Double Pitch—Without ventilation.



No. 3

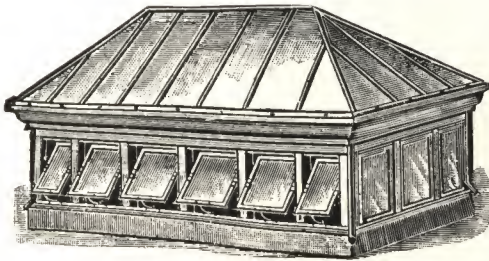
Hipped Skylight—With York Ventilators.

Galvanized Iron Skylights (Continued)



No. 4

Illustrates a plain Hipped Skylight without Ventilation. Curb should be level.



No. 5

Illustrates a Hipped Turret Skylight with glazed opening sash for ventilation. Sashes operated by gearing and rods from below especially adapted for large openings over stores and work shops, where much ventilation is desired without obstruction of light.

All styles Skylights made to order. Prices quoted on application.

Cornices

The following illustrations are intended to convey an idea of the character of work we manufacture, and for parties to select from who may not have chosen or prepared special designs of their own.

Tinners will often find it to their interest to handle our Cornices, as it will enable them to figure on work which would otherwise be impossible, making them good profits and helping to secure other work in their line. We guarantee all our work to be strictly first-class, and, at the prices quoted, bring the cost down to so close a margin as to place the tinner on the same footing as the fully equipped cornice maker.

Belted Mouldings and Lintel Cornices



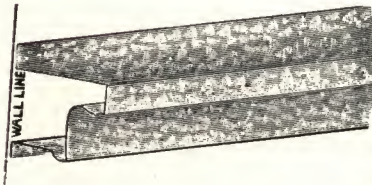
No. 1

Height, $4\frac{1}{4}$ in.; projection, $3\frac{1}{2}$ in.;
girt, 12 in.



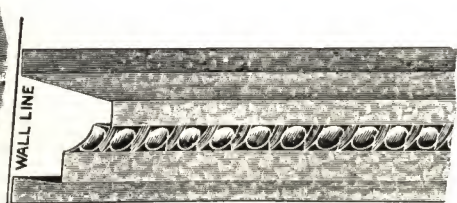
No. 2

Height, $4\frac{1}{4}$ in.; projection, $3\frac{1}{2}$ in.;
girt, 12 in.



No. 3

Height, 4 in.; projection, $3\frac{3}{4}$ in.;
girt, 14 in.



No. 4

Height, 7 in.; projection, 5 in.;
girt, 18 in.

Cornices (Continued)

Made of Patent Leveled Galvanized Iron

Directions for Ordering Cornice

Be careful to give length of wall at foot of cornice. State kind of finish wanted at end, whether end blocks or return. State whether building is up and cornice to be attached from outside, or if it is in process of erection and cornice to be walled in, as a different construction is necessary.

Unlike most manufacturers, we ship our cornice all complete in sections ready to set on building. Brackets, dentils and modillions are riveted and soldered to the cornice, and mouldings run through solid. Cornice to be covered with same material as roof. If cornice is wanted shipped "knocked down," price will be lower.

All our Cornices are Guaranteed Best Workmanship and Material



No. 13

Height, 24 inches; projection, 14 inches



No. 15

Height, 26 inches; projection, 12 inches

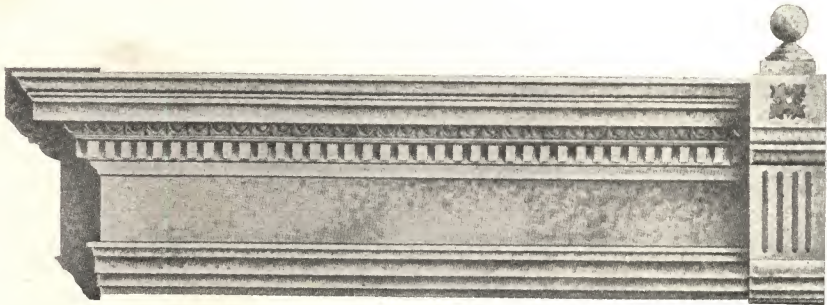
Cornices (Continued)

Made of Patent Leveled Galvanized Iron



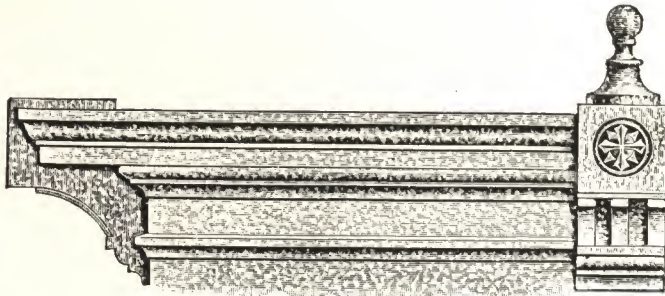
No. 16

Height, 24 inches; projection, 10 inches



No. 17

Height, 36 inches; projection, 15 inches



No. 18

Height	Projection
16 inches	8 inches
20 inches	10 inches
24 inches	12 inches

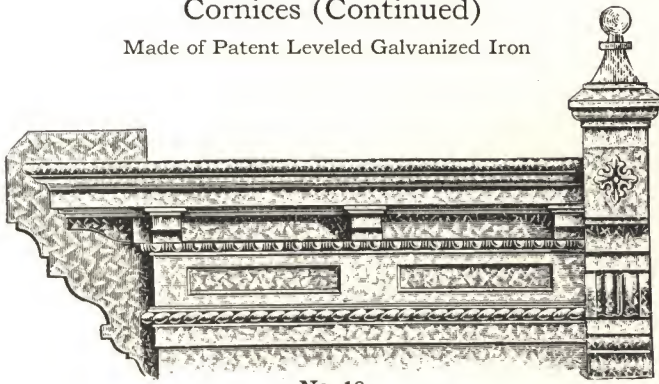
Estimates Furnished on Special Drawings

Circular Cornices

We will be pleased to quote on circular cornices of all descriptions upon receipt of drawings.

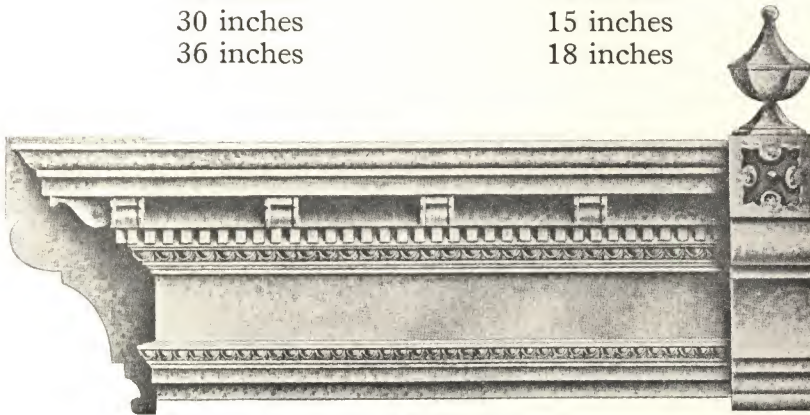
Cornices (Continued)

Made of Patent Leveled Galvanized Iron



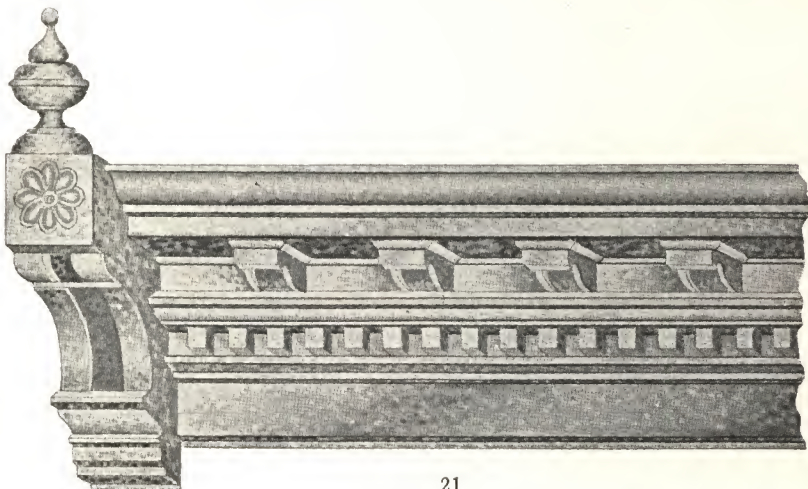
No. 19

Height	Projection
24 inches	12 inches
26 inches	13 inches
28 inches	14 inches
30 inches	15 inches
36 inches	18 inches



No. 20

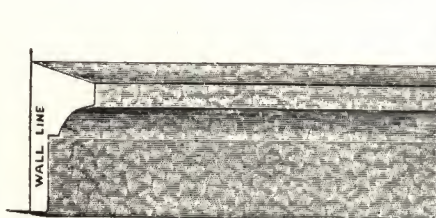
Height, 40 inches; projection, 24 inches. Write for discounts



21

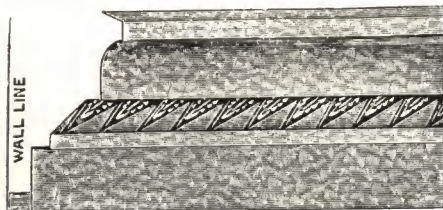
30 inches high, 18 inch projection. Write for discounts

Lintel Cornices



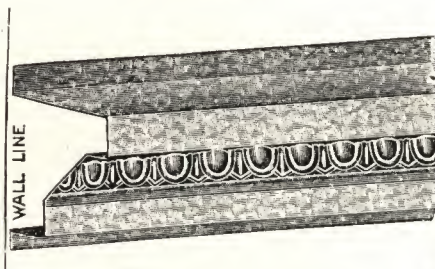
No. 7

Height, 7 in.; projection, $4\frac{1}{2}$ in.;
girt, 16 in.



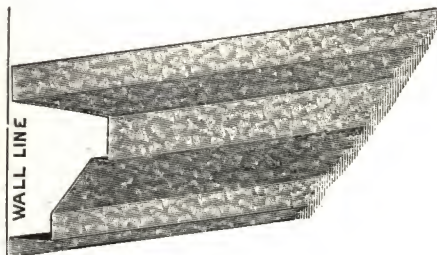
No. 5

Height, 12 in.; projection, $8\frac{1}{2}$ in.;
girt, 20 in.



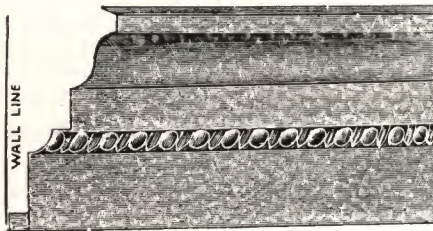
No. 6

Height, 8 in.; projection, 6 in.;
girt, 20 in.



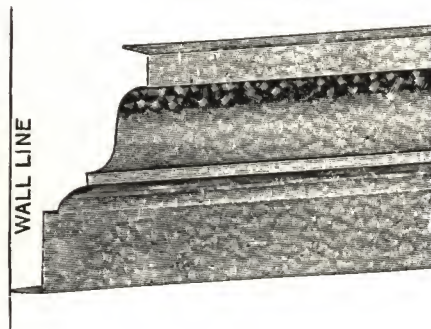
No. 10

Height, 8 in.; projection, 6 in.;
girt, 20 in.



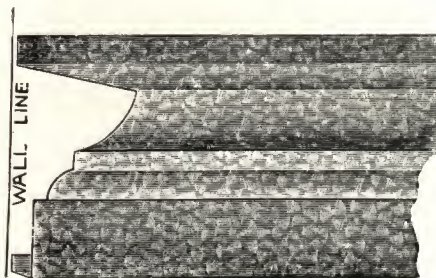
No. 8

Height, 12 in.; projection, $8\frac{3}{4}$ in.;
girt, 20 in.



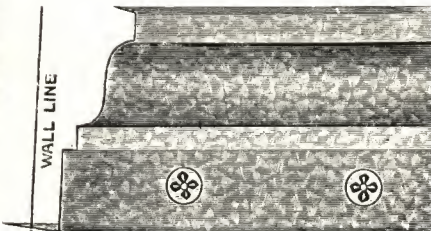
No. 9

Height, 12 in.; projection, 8 in.;
girt, 20 in.



No. 12

Height, 11 in.; projection, 7 in.;
girt, 24 in.

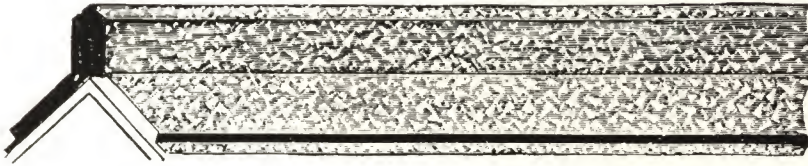


No. 11

Height, 12 in.; projection, $7\frac{1}{2}$ in.;
girt, 20 in.

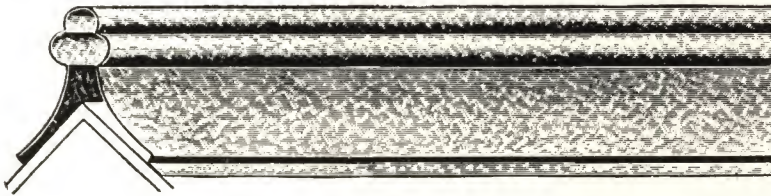
Ornamental Galvanized Iron Ridgings

Made in 10 Foot Lengths
No. 28 Gauge Galvanized Iron



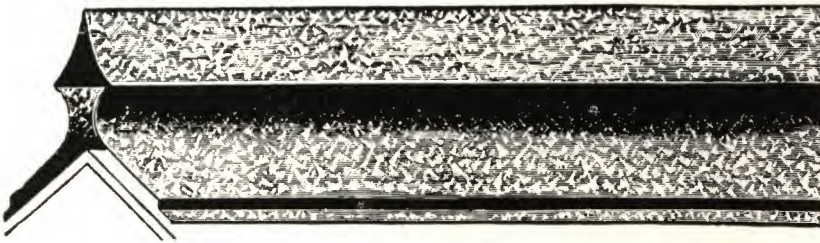
No. 1

Height	Apron	Girt
4 $\frac{3}{4}$ inches	2 $\frac{1}{2}$ inches	12 inches
6 inches	3 $\frac{1}{2}$ inches	15 inches
8 inches	4 $\frac{1}{2}$ inches	20 inches
9 $\frac{1}{2}$ inches	5 $\frac{1}{2}$ inches	24 inches



No. 2

Height	Apron	Girt
4 $\frac{1}{2}$ inches	2 $\frac{1}{2}$ inches	12 inches
6 inches	3 inches	15 inches
8 inches	4 $\frac{1}{2}$ inches	20 inches

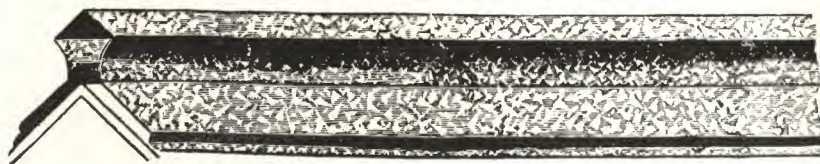


No. 3

Height	Apron	Girt
6 $\frac{1}{4}$ inches	3 inches	15 inches
8 inches	4 inches	20 inches
10 inches	4 $\frac{1}{2}$ inches	24 inches

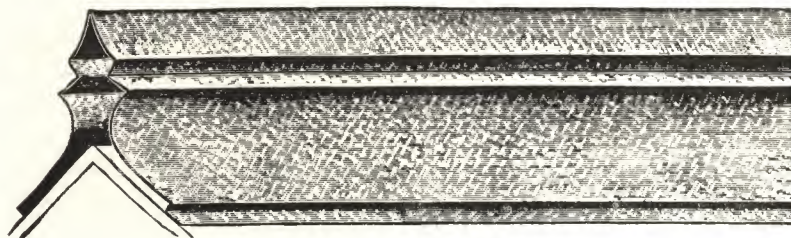
Discount per cent

Ornamental Galvanized Iron Ridgings (Continued)



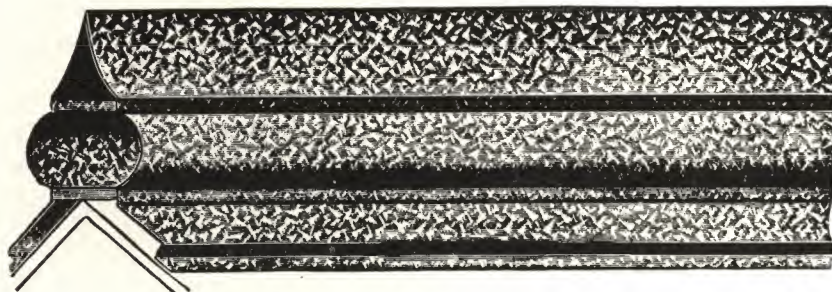
No. 4

Height	Apron	Girt
4½ inches	2½ inches	12 inches
6 inches	3 inches	15 inches
8 inches	4½ inches	20 inches



No. 5

Height	Apron	Girt
6 inches	3 inches	15 inches
8 inches	4 inches	20 inches
10 inches	4½ inches	24 inches

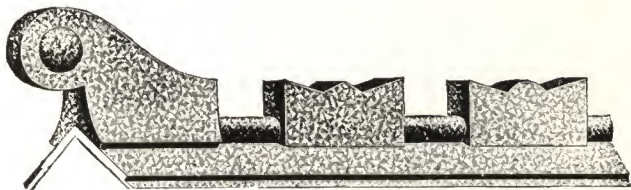


No. 6

Height	Apron	Girt
8 inches	4½ inches	20 inches
9½ inches	5 inches	24 inches
12 inches	6½ inches	30 inches

Discount per cent

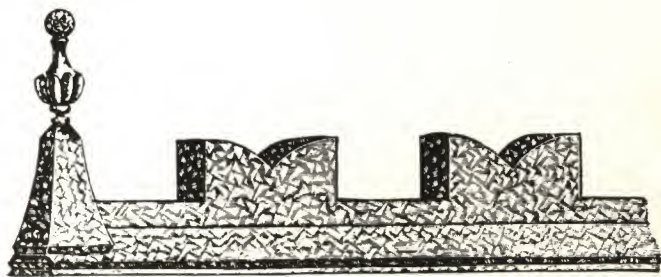
Ornamental Galvanized Iron Ridgings (Continued)



No. 7

Height of Cresting, 7 inches; Width of Apron, 3 inches

No. 7 Finials, $10\frac{1}{2}$ inches high

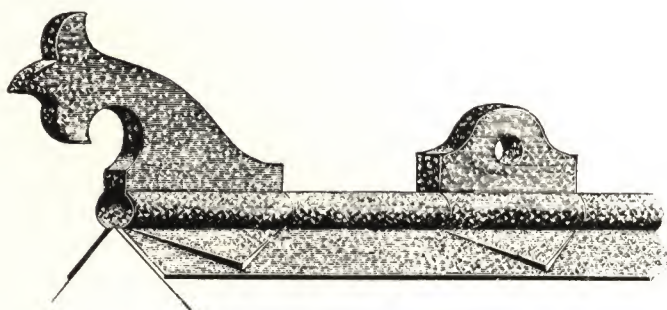


No. 8

Finial, 21 inches high.....Price each

Cresting, 12 inches high.....Price, per foot

Ornamental Galvanized Iron Ridgings (Continued)

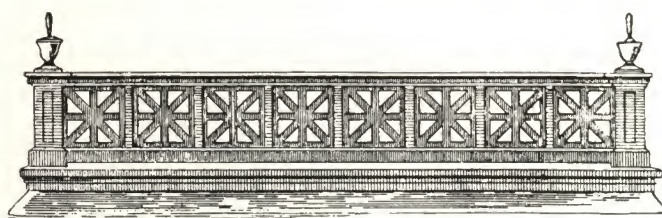


No. 9

No. 10

Finial No. 9, Height, 10 inches.....Price each

Block No. 10, Height, 5 inches.....Price each

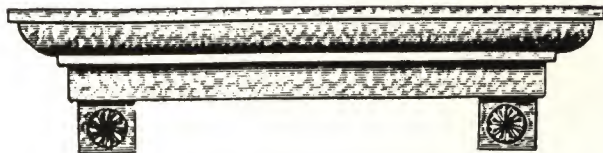


No. 11

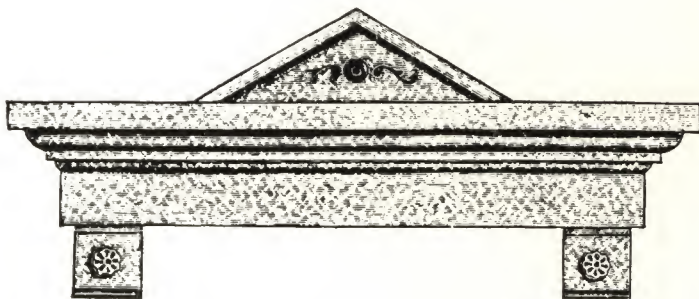
Height, 20 inches.....Price each

Discount.....per cent

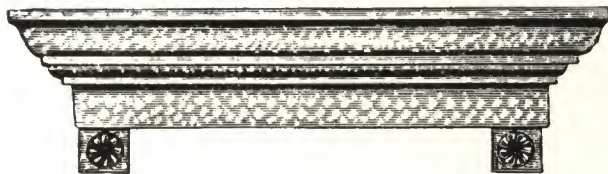
Window and Door Caps



No. 20



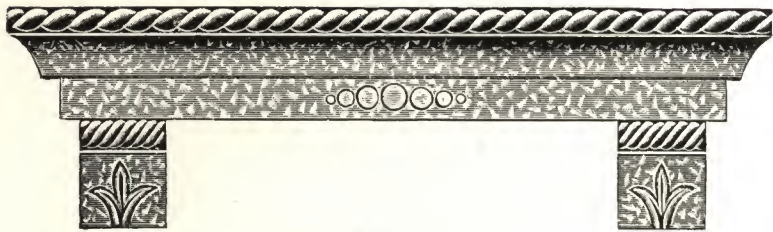
No. 21



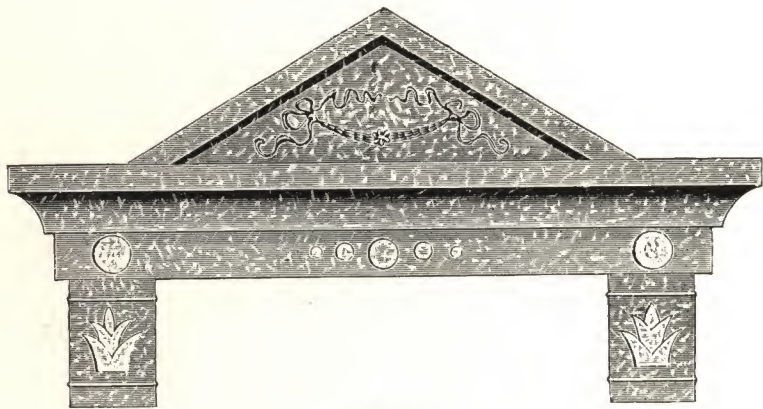
No. 22

We will be pleased to quote prices on other styles and sizes on receipt of drawings and specifications.

Window and Door Caps (Continued)



No. 23



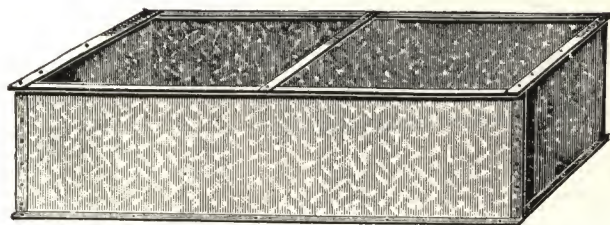
No. 24



No. 25

We will be pleased to quote prices on other styles and sizes on receipt of drawings and specifications.

Square End Stock Watering and Storage Tanks



Number	Width Feet	Height Feet	Length Feet	Capacity Gals.
31	2	2	4	100
32	2	2	5	126
33	2	2	6	152
34	2	2	8	202
35	2½	2	8	262
36	3	2	8	318
37	3	2	10	397
38	4	2	8	424
39	4	2	10	530

Galvanized Steel House Tanks



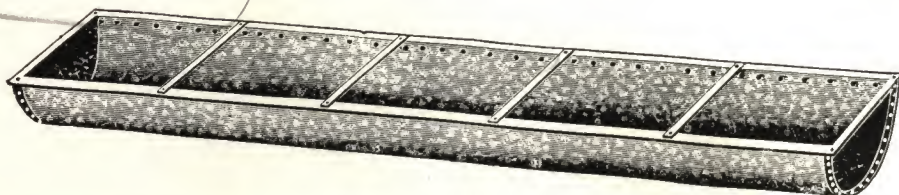
This illustrates what we term our "House Tank Style" of construction. The sides and bottom are double seamed together, and all seams locked and securely soldered. The top is surrounded by heavy wire as shown by illustration.

The following prices are based on House Tanks made of No. 20 Galvanized Steel which is extra heavy for the purpose and makes a tank very superior in every way to the common house tanks generally used.

List No.	Diameter Inches	Height Inches	Capacity Gals.
40	20	20	27
41	20	24	32
42	24	24	47
43	30	24	73
44	30	30	92

Round Bottom Troughs

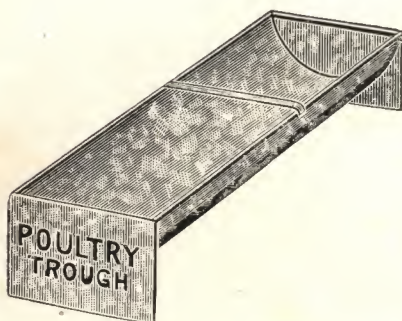
With Angle Iron Stands



List Number	Width Inches	Height Inches	Length Feet	Capacity Gals.	List Price
46	14	7	2	6	\$3.50
47	14	7	3	9	4.00
48	14	7	4	12	4.50
49	14	7	6	18	5.25
50	14	7	5	15	4.65
51	14	7	8	24	6.25
52	14	7	10	30	7.80
53	20	10	8	52	7.75
54	20	10	10	65	9.00
55	23	11½	8	72	8.50
56	23	11½	10	90	9.50
57	26	13	8	95	9.80
58	26	13	10	120	12.00
59	32	16	8	152	12.25
60	32	16	10	190	14.25
61	36	18	8	188	14.50
62	36	18	10	235	16.50
63	42	21	8	260	17.50
64	42	21	10	325	19.00
65	48	24	8	344	18.85
66	48	24	10	430	22.00

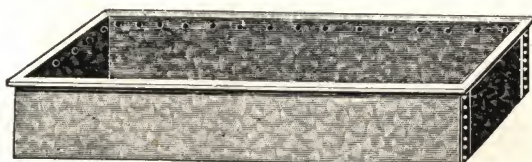
Cross Bars every 12 inches unless otherwise ordered.

Poultry Troughs



Width Inches	Inside Depth Inches	Outside Depth Inches	Lengths Inches	Price
4	2	3½	30	\$.75
6	3	3¾	36	.90
7	3½	4¾	36	1.00

Galvanized Sap Pans



Especially adapted for Sap Pans, Milk Troughs, Watering and Feed Troughs. Above illustration shows manner of construction, the sheet steel being turned up around edges to form sides and ends, and the top surounded with angle steel or round iron.

List No.	Width Inches	Depth Inches	Length Inches	Capacity Gals.	List No.	Width Inches	Depth Inches	Length Inches	Capacity Gals.
6	24	6	48	27	19	28	10	76	83
7	24	6	60	34	20	28	10	96	105
8	24	6	84	48	21	12	12	48	25
9	30	6	84	60	22	12	12	72	38
10	30	6	108	70	23	12	12	96	50
11	36	6	84	72	24	12	12	120	63
12	36	6	108	93	25	18	12	72	57
13	26	8	80	65	26	18	12	96	75
14	26	8	104	85	27	24	12	48	50
15	32	8	80	90	28	24	12	72	76
16	32	8	104	105	29	24	12	96	100
17	22	10	76	65	30	24	12	120	125
18	22	10	96	82					

Oil and Gasoline Tanks



Our Oil and Gasoline Tanks are made of No. 20 Galvanized Steel and are braced and strengthened with channel steel. They are very strong and durable and will stand much hard usage. We place a screw cap opening in top to fill by and a faucet in the side near bottom to draw off contents.

List No.	Diam. Inches	Height Inches	Capacity Gals.
1	18	30	32
2	24	30	58
3	24	36	70
4	34	30	117
5	34	36	140

Finials

Special Designs Furnished



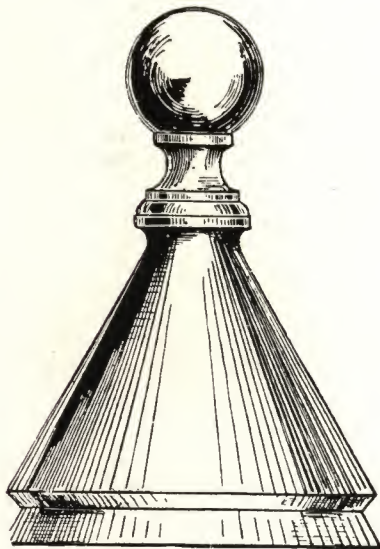
No. 1

Height, 2 feet



No. 2

Height, 2½ feet



No. 3

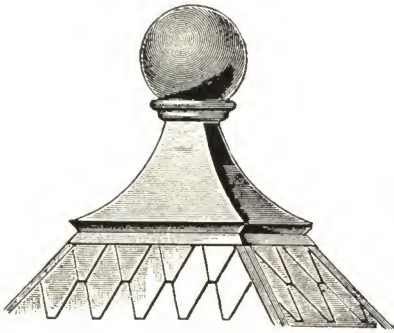
Height, from 2 to 3½ feet



No. 4

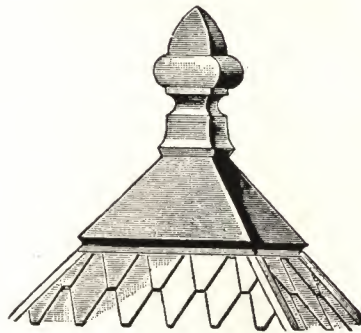
Height, 2 feet

Finials (Continued)



No. 5

Height, 20 inches



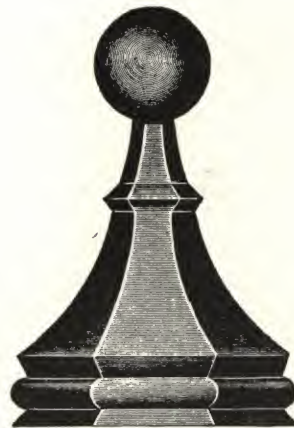
No. 6

Height, 20 inches



No. 7

Height, 3 feet

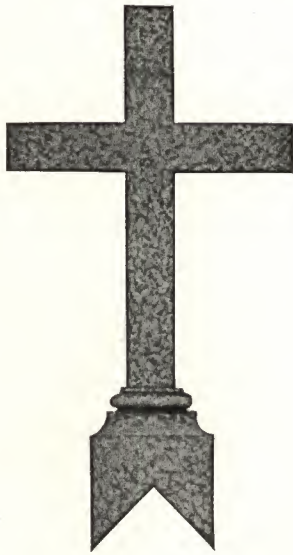


No. 8

Height, 3 feet

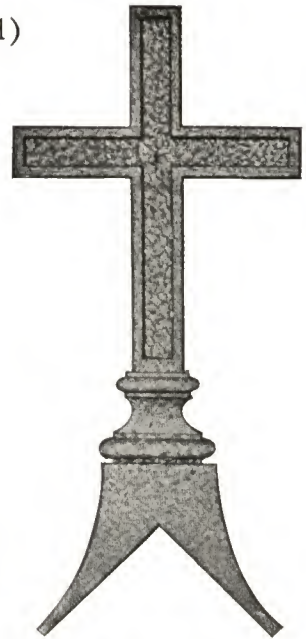
State if Base is to be Round, Square or Octagonal

Finials (Continued)



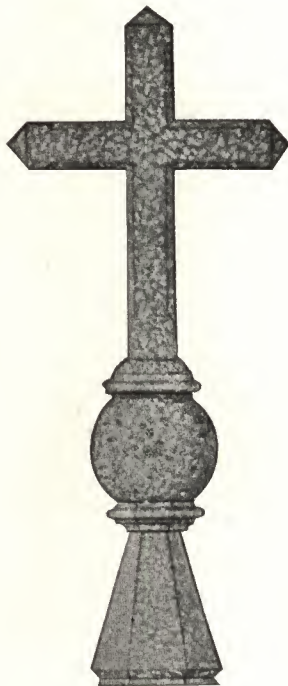
No. 9

Height, $5\frac{3}{4}$ feet



No. 10

Height, $6\frac{3}{4}$ feet



No. 11

Height, $7\frac{1}{4}$ feet

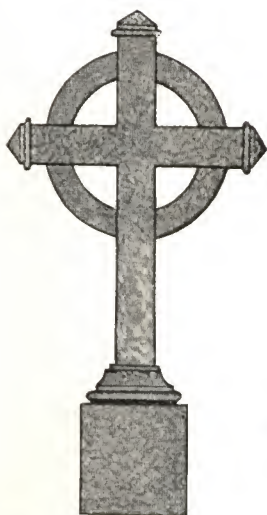


No. 12

Height, 7 feet

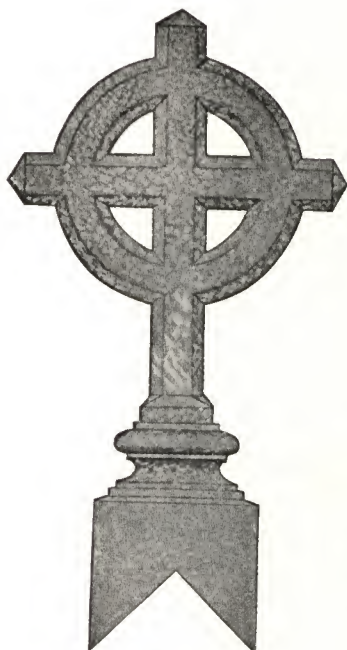
Always state measurement and Style of Base—whether Base is to be Square, Round or Octagonal, and give Pitch of Roof. Crating charged at cost.

Finials (Continued)



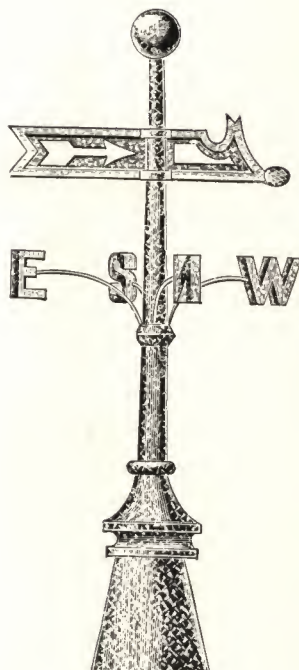
No. 13

Height, $5\frac{1}{2}$ feet



No. 14

Height, $6\frac{3}{4}$ feet

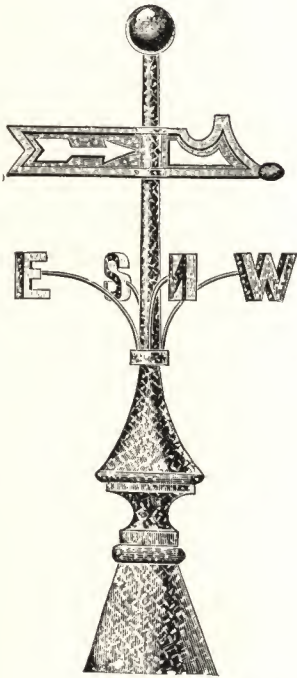


No. 15

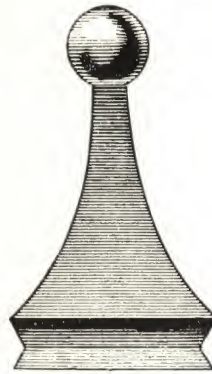
Height, 5 feet

Always state measurement and Style of Base—whether Base is to be Square, Round or Octagonal, and give Pitch of Roof. Crating charged at cost.

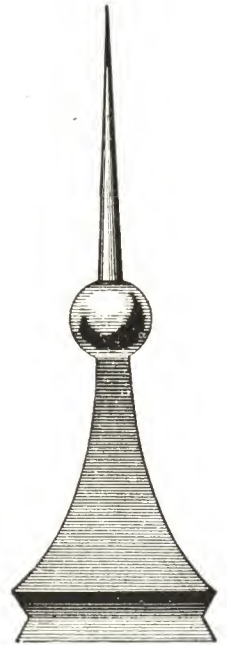
Finials (Continued)



No. 16
Height, 5 feet



No. 17
Height, $1\frac{1}{4}$ feet

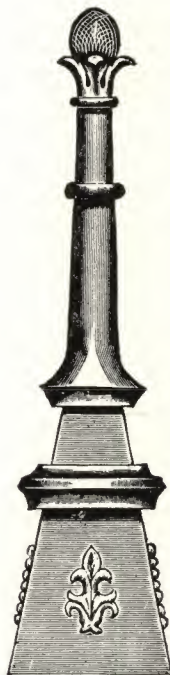


No. 18
Height, $2\frac{1}{4}$ feet

Finials (Continued)

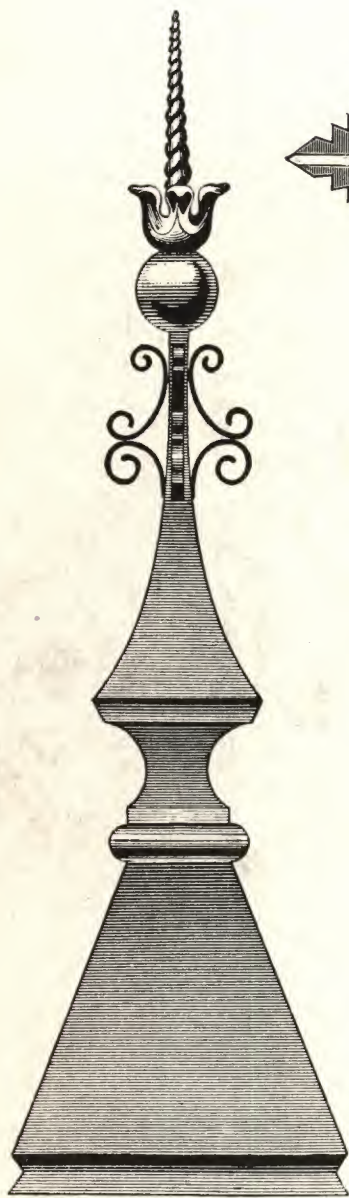


No. 19
Height, $3\frac{1}{2}$ feet



No. 20
Height, $4\frac{1}{4}$ feet

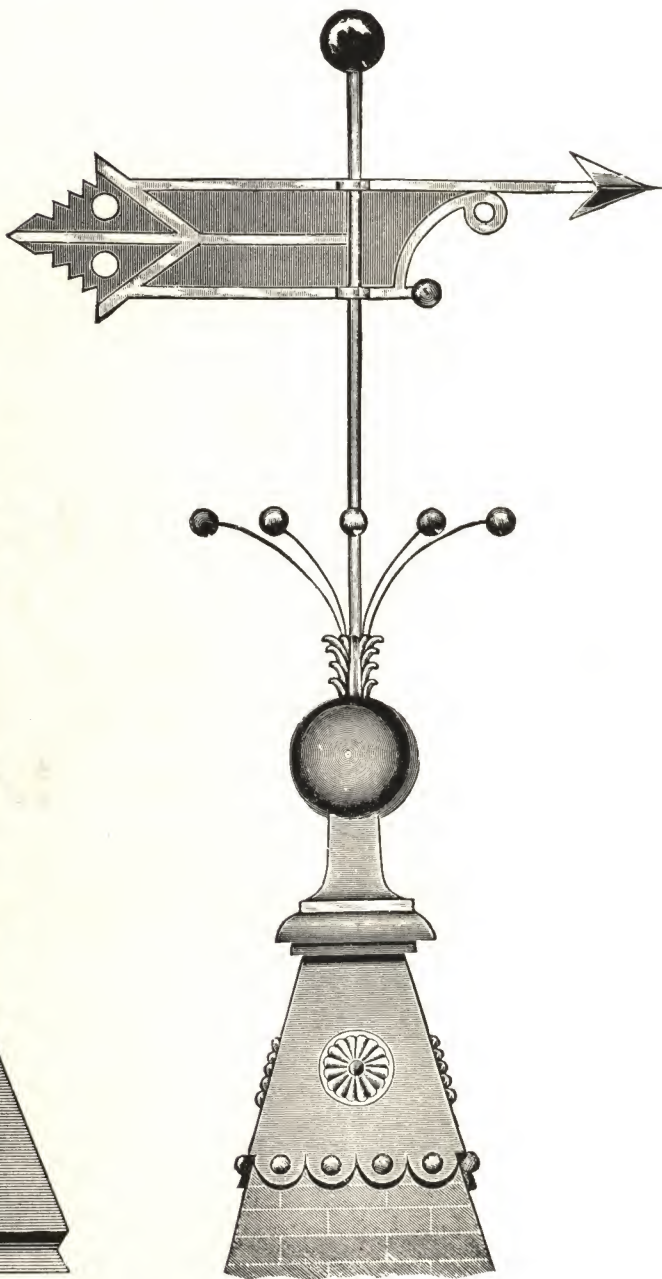
Finials (Continued)



No. 21

Height, 5 feet

Discount per cent



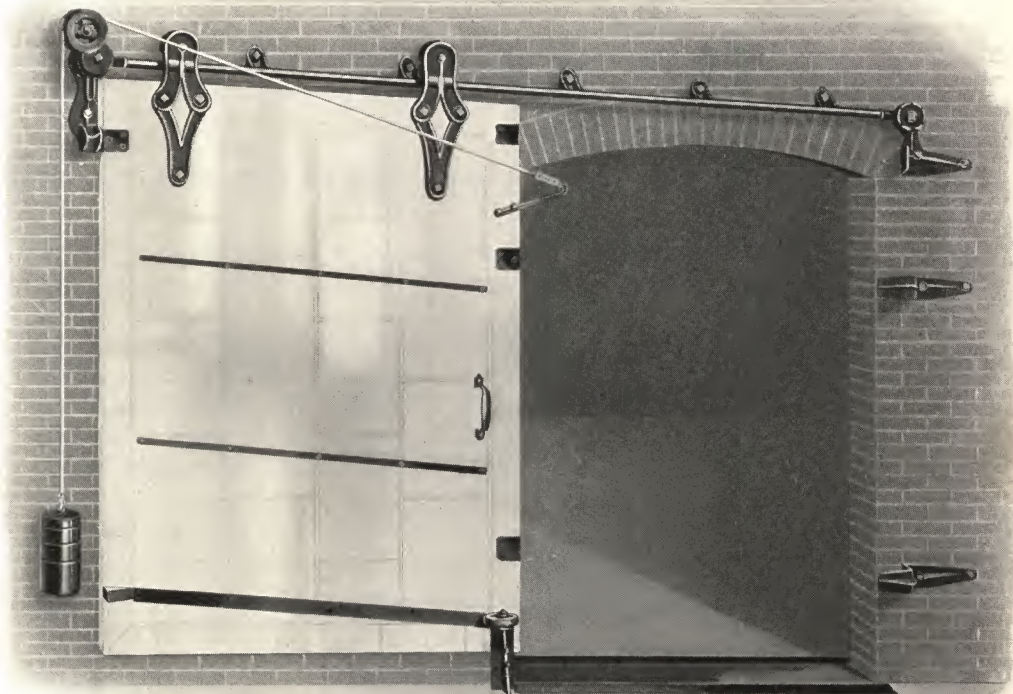
No. 24

Height, 8 feet. Stem of Wrought Iron Pipe

Discount per cent

When ordering Finials, always state measurement and style of Base. Crating charged at cost.

Standard Fire Doors



All Fire Doors are made to suit conditions required for each installation and can be placed on either one or two sides of the wall.

All Doors made under the inspection of the Fire Underwriters' Association and labeled by them.

Prices quoted upon application.

Tin and Sheet Iron Workers' Circumference Table

To Increase a Given Diameter

For $\frac{1}{8}$ inch, add to its circumference, $\frac{3}{8}$ and $\frac{1}{64}$

For $\frac{1}{4}$ inch, add to its circumference, $\frac{3}{4}$ and $\frac{1}{32}$

For $\frac{1}{2}$ inch, add to its circumference, $1\frac{1}{2}$ and $\frac{1}{16}$

For 1 inch, add to its circumference, $3\frac{1}{8}$

The following measures do not allow for seams, which are different on sheet iron.

Dia.	Cir.	Dia.	Cir.	Dia.	Cir.	Dia.	Cir.	Dia.	Cir.
$\frac{1}{2}$	$1\frac{9}{16}$	6	$18\frac{7}{8}$	12	$37\frac{3}{4}$	18	$56\frac{5}{8}$	$24\frac{1}{2}$	$77\frac{1}{4}$
$\frac{5}{8}$	$1\frac{15}{16}$	$\frac{1}{4}$	$19\frac{3}{4}$	$\frac{1}{4}$	$38\frac{5}{8}$	$\frac{1}{4}$	$57\frac{3}{8}$	25	$78\frac{13}{16}$
$\frac{3}{4}$	$2\frac{11}{32}$	$\frac{1}{2}$	$20\frac{1}{2}$	$\frac{1}{2}$	$39\frac{1}{2}$	$\frac{1}{2}$	$58\frac{1}{4}$	$\frac{1}{2}$	$80\frac{7}{16}$
$\frac{7}{8}$	$2\frac{3}{4}$	$\frac{3}{4}$	$21\frac{1}{4}$	$\frac{3}{4}$	$40\frac{1}{4}$	$\frac{3}{4}$	59	26	82
1	$3\frac{1}{8}$	7	$22\frac{1}{16}$	13	41	19	$59\frac{7}{8}$	$\frac{1}{2}$	$83\frac{9}{16}$
$\frac{1}{4}$	$3\frac{7}{8}$	$\frac{1}{4}$	$22\frac{13}{16}$	$\frac{1}{4}$	$41\frac{3}{4}$	$\frac{1}{4}$	$60\frac{5}{8}$	27	$85\frac{1}{8}$
$\frac{1}{2}$	$4\frac{11}{16}$	$\frac{1}{2}$	$23\frac{5}{8}$	$\frac{1}{2}$	$42\frac{9}{16}$	$\frac{1}{2}$	$61\frac{3}{8}$	$\frac{1}{2}$	$86\frac{11}{16}$
$\frac{3}{4}$	$5\frac{7}{16}$	$\frac{3}{4}$	$24\frac{3}{8}$	$\frac{3}{4}$	$43\frac{5}{16}$	$\frac{3}{4}$	$62\frac{1}{4}$	28	$88\frac{1}{4}$
2	$6\frac{5}{16}$	8	$25\frac{3}{16}$	14	$44\frac{1}{8}$	20	63	$\frac{1}{2}$	$89\frac{13}{16}$
$\frac{1}{4}$	$7\frac{1}{8}$	$\frac{1}{4}$	26	$\frac{1}{4}$	$44\frac{7}{8}$	$\frac{1}{4}$	$63\frac{3}{4}$	29	$91\frac{3}{8}$
$\frac{1}{2}$	$7\frac{15}{16}$	$\frac{1}{2}$	$26\frac{3}{4}$	$\frac{1}{2}$	$45\frac{3}{4}$	$\frac{1}{2}$	$64\frac{9}{16}$	$\frac{1}{2}$	$92\frac{15}{16}$
$\frac{3}{4}$	$8\frac{11}{16}$	$\frac{3}{4}$	$27\frac{9}{16}$	$\frac{3}{4}$	$46\frac{1}{2}$	$\frac{3}{4}$	$65\frac{5}{16}$	30	$94\frac{1}{2}$
3	$9\frac{3}{8}$	9	$28\frac{5}{16}$	15	$47\frac{1}{4}$	21	$66\frac{1}{8}$	$\frac{1}{2}$	$96\frac{1}{16}$
$\frac{1}{4}$	$10\frac{1}{4}$	$\frac{1}{4}$	$29\frac{1}{8}$	$\frac{1}{4}$	48	$\frac{1}{4}$	$66\frac{7}{8}$	31	$97\frac{5}{8}$
$\frac{1}{2}$	$11\frac{1}{16}$	$\frac{1}{2}$	$29\frac{7}{8}$	$\frac{1}{2}$	$48\frac{13}{16}$	$\frac{1}{2}$	$67\frac{3}{4}$	$\frac{1}{2}$	$98\frac{3}{16}$
$\frac{3}{4}$	$11\frac{13}{16}$	$\frac{3}{4}$	$30\frac{11}{16}$	$\frac{3}{4}$	$49\frac{9}{16}$	$\frac{3}{4}$	$68\frac{1}{2}$	32	$100\frac{3}{4}$
4	$12\frac{5}{8}$	10	$31\frac{7}{16}$	16	$50\frac{3}{8}$	22	$69\frac{1}{4}$	$\frac{1}{2}$	$101\frac{5}{16}$
$\frac{1}{4}$	$13\frac{3}{8}$	$\frac{1}{4}$	$32\frac{1}{4}$	$\frac{1}{4}$	$51\frac{1}{8}$	$\frac{1}{4}$	70	33	$103\frac{7}{8}$
$\frac{1}{2}$	$14\frac{3}{16}$	$\frac{1}{2}$	$33\frac{1}{16}$	$\frac{1}{2}$	$51\frac{15}{16}$	$\frac{1}{2}$	$70\frac{13}{16}$	$\frac{1}{2}$	$104\frac{7}{16}$
$\frac{3}{4}$	$14\frac{15}{16}$	$\frac{3}{4}$	$33\frac{13}{16}$	$\frac{3}{4}$	$52\frac{11}{16}$	$\frac{3}{4}$	$71\frac{9}{16}$	34	107
5	$15\frac{3}{4}$	11	$34\frac{5}{8}$	17	$53\frac{1}{2}$	23	$72\frac{3}{8}$	$\frac{1}{2}$	$108\frac{9}{16}$
$\frac{1}{4}$	$16\frac{1}{2}$	$\frac{1}{4}$	$35\frac{3}{8}$	$\frac{1}{4}$	$54\frac{1}{4}$	$\frac{1}{4}$	$73\frac{1}{8}$	35	$109\frac{1}{4}$
$\frac{1}{2}$	$17\frac{5}{16}$	$\frac{1}{2}$	$36\frac{3}{16}$	$\frac{1}{2}$	$55\frac{1}{16}$	$\frac{1}{2}$	$73\frac{15}{16}$	$\frac{1}{2}$	$110\frac{13}{16}$
$\frac{3}{4}$	$18\frac{1}{16}$	$\frac{3}{4}$	$36\frac{15}{16}$	$\frac{3}{4}$	$55\frac{13}{16}$	$\frac{3}{4}$	$74\frac{3}{4}$	36	$113\frac{1}{4}$
						24	$75\frac{7}{16}$		

For Common English Sheet Iron Nos. 25 and 26, the above table will apply as it is; but for every fourth number heavier, add $\frac{1}{8}$ inch to the above measure. For Russia Sheet Iron add $\frac{1}{8}$ inch to every fourth number heavier than No. 10.

Decimal Equivalents of Millimeters and Fractions of Millimeters

1 mm. = .03937 inches

Mm.	Inches	Mm.	Inches	Mm.	Inches
1-50	= .00079	26-50	= .02047	2	= .07874
2-50	.00157	27-50	.02126	3	.11811
3-50	.00236	28-50	.02205	4	.15748
4-50	.00315	29-50	.02283	5	.19685
5-50	.00394	30-50	.02362	6	.23622
6-50	.00472	31-50	.02441	7	.27559
7-50	.00551	32-50	.02520	8	.31496
8-50	.00630	33-50	.02598	9	.35433
9-50	.00709	34-50	.02677	10	.39370
10-50	.00787	35-50	.02756	11	.43307
11-50	.00866	36-50	.02835	12	.47244
12-50	.00945	37-50	.02913	13	.51181
13-50	.01024	38-50	.02992	14	.55118
14-50	.01102	39-50	.03071	15	.59055
15-50	.01181	40-50	.03150	16	.62992
16-50	.01260	41-50	.03228	17	.66929
17-50	.01339	42-50	.03307	18	.70866
18-50	.01417	43-50	.03386	19	.74803
19-50	.01496	44-50	.03465	20	.78740
20-50	.01575	45-50	.03543	21	.82677
21-50	.01654	46-50	.03622	22	.86614
22-50	.01732	47-50	.03701	23	.90551
23-50	.01811	48-50	.03780	24	.94488
24-50	.01890	49-50	.03858	25	.98425
25-50	.01969	1	.03937	26	1.02362

10 Millimeters = 1 Centimeter = 0.3937 inches

10 Centimeters = 1 Decimeter = 3.937 inches

10 Decimeters = 1 Meter = 39.37 inches

2.54 Centimeters = 1 inch

Metal Stampings

We are equipped to make all kinds of Metal Stampings from 11 to 30 gauges. We have our own tool department and are always glad to quote prices upon receipt of blue prints and specifications.

Index

A

Anchor Paste.....	117
Asbestos Paper.....	68
Asbestos Cement.....	68
Automobile Sheets.....	59
Awls, Scratch.....	197

B

Beading Machines.....	173-176
Bench Plates.....	182
Bracket, Safety Ladder.....	126
Boiler Covering.....	68
Bolts, Stove.....	112
Bucket Ears.....	140
Building Papers.....	68
Brushes, Acid.....	124
Brushes, Paint.....	124

C

Caps, Window and Door.....	215-216
Cement, Roof.....	116-117
Cement, Furnace.....	118
Charcoal.....	124
Chisels.....	192
Collars, Stove Pipe.....	86
Conductor, Heads.....	202-203
Conductor, Pipe.....	13-14
Copper Sheets.....	60-64
Coppers, Soldering.....	141
Cornices.....	206-210
Cornice Brakes.....	142
Corrugated Roofing.....	35
Crimped Sheets.....	48
Crimping Machines.....	174-176
Curved Corrugated Sheets.....	42
Cut Offs.....	17
Can Screws.....	114
Culvert Pipe.....	122-123

D

Dampers.....	91
Dividers.....	194
Dolly, Hand.....	194

E

Eaves Trough.....	5-7
Eaves Strip.....	74
Eaves Trough, Closing Form.....	186
Elbows, Adjustable.....	84

Index (Continued)

Elbows, Conductor.....	15-18
Elbows, Stove Pipe.....	85-86
Elbow Edging Machines.....	172
Ends, Gutter.....	9

F

Finials.....	220-226
Fire Doors.....	227
Fire Pots.....	70-71
Folding Machines.....	161-165
Forming Machines.....	166-167
Flashing, Corrugated.....	46
Flue Stops.....	86
Furnace Pipe.....	88
Furnace Cement.....	118

G

Grooving Machines.....	168
Grooving Tools.....	191
Gutter.....	5-7
Gutter Beading Machines.....	179
Gutters, Roof.....	10-12

H

Hammers.....	189-191
Handles, Soldering Copper.....	141
Hangers, Conductor and Gutter.....	21-32
Hooks, Pipe.....	31-32
Hoop Iron.....	73

L

Ladders.....	125-126
Lead Washers.....	39

M

Mallets.....	189
Metal Ceilings.....	127-139
Mitres.....	8
Milk Cans.....	119-121

N

Nails.....	48
Notching Machines.....	179
Nippers, Cutting.....	195

O

O. G. Box Gutters.....	10-12
Ornamental Ridgings.....	211-214
Outlets, Gutter.....	9
Ovens.....	89-90

Index (Continued)

P

Paint.....	115
Pans, Galvanized.....	219
Paper Roofing.....	66
Paste, Cold Water.....	117
Paste, Soldering.....	73
Pipe, Conductor.....	13-14
Pipe Crimpers.....	177
Pipe Crimper, Square.....	152
Pliers.....	195-196
Punches.....	143, 152, 178, 193

R

Registers.....	92-104
Reamer and Socket Wrench.....	187
Ridge Roll.....	45
Ridging, Special.....	47
Ridging, Ornamental.....	211-214
Rivets.....	112
Rivet Sets.....	192
Roof Cement.....	116-117
Roofing Folder.....	187
Roofing Paper.....	66
Roofing, Slate Surfaced.....	66
Roofing, Double Cross Lock.....	33
Roofing, 2 and 3-V Crimped.....	34
Roofing, Corrugated.....	35
Roofing, Standing Seam.....	41
Rule, Tinnern Steel.....	197
Register Heads.....	105-108
Roses, Zinc.....	114

S

Scrapers.....	190
Seamers.....	185, 186, 188
Setting Down Machines.....	171
Shanks and Circles.....	21-25
Shears.....	147-160
Sheets, Automobile.....	59
Sheets, Black.....	59
Sheets, Copper.....	60-64
Sheets, Corrugated.....	35
Sheets, Crimped.....	48
Sheets, Galvanized.....	49-58
Sheets, Toncan.....	49
Shingles, Galvanized.....	46
Shingles, Slate Surfaced.....	67-69
Siding, Pressed Brick.....	40

Index (Continued)

Siding, Rock Faced.....	40-41
Siding, Weatherboard.....	42
Skylights.....	204-205
Slaters' Tools.....	183
Snips.....	144-151
Snow Guards.....	75-76
Solder.....	72
Soldering, Coppers.....	141
Screws, Sheet Metal.....	113
Seamer, Double Pipe.....	178
Soldering Fluid.....	73
Soldering Paste.....	73
Stakes.....	180-182
Steel, Straight Edge.....	180
Stove Bolts.....	112
Stove Lining.....	118
Stove Pipe.....	87
Stove Pipe Collars.....	86
Stove Pipe Reducers.....	87
Stove Pipe Thimbles.....	88
Strainer Cloth, Brass.....	48
Strainers, Wire Conductor.....	19-20

T

Tanks, Galvanized.....	217, 219
Tin Plate.....	77-83
Tin Roll.....	81
Tongs.....	184-185
Tools.....	143-197
Troughs, Galvanized.....	218
Turning Machines.....	169-170
Torches.....	70

V

Valley, Special.....	47
Ventilators.....	198-201

W

Wall Boards.....	68
Wall Ties.....	74
Washers, Lead.....	39
Wire.....	111
Wiring Machines.....	170
Wood Roofing Folders.....	187
Wall Stack, Angles.....	109-110

Z

Zinc.....	64-65
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